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ABSTRACT

This annotated catalog of materials available from the Smithsonian Institution and its affiliate organizations, lists over 400 cross-indexed resources for classroom use. The contents are arranged as follows: An overview of the guide; catalogs and visitor guides; periodicals; resources for the arts, language arts, science, and social studies/history. Many items are free or available on loan. Appropriate grade level is indicated for materials to be used for instruction in the aforementioned subject areas. Included are a title index, a subject index, and a media index. The catalog concludes with a directory for where to order materials and order forms. (MM)

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SMITHSONIAN RESOURCE GUIDE FOR TEACHERS

1993/94 EDITION

ED 375 067

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Office of Educational Research and Improvement
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EDUCATION MATERIALS AVAILABLE FROM

SMITHSONIAN INSTITUTION

NATIONAL GALLERY OF ART ♡ NATIONAL SCIENCE RESOURCES CENTER

JOHN F. KENNEDY CENTER FOR THE PERFORMING ARTS ♡ READING IS FUNDAMENTAL

SMITHSONIAN RESOURCE GUIDE FOR TEACHERS

1993/94 EDITION

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brother.

Director: Ann Bay
Publications Director: Michelle Smith

***Resource Guide* editors:** Cathy Mahmud and Joan Holleman

OESE wishes to thank all of our colleagues for their cooperation with and contributions to this publication. We are also grateful to Brother International Corporation for its continued support.

Office of Elementary and Secondary Education

This *Resource Guide for Teachers* has been prepared by the Smithsonian Institution's Office of Elementary and Secondary Education (OESE). Providing a comprehensive listing of the many Smithsonian resources available to educators and children, it is designed to help readers, whether or not they live in Washington, D.C., take advantage of Smithsonian resources.

One of the main goals of OESE is to help educators and young people become aware of the variety of learning opportunities that museums, historic sites, science centers, zoos, and related institutions offer. OESE works with schools, universities, and other organizations throughout the nation to bring the educational potential of museums and other institutions to thousands of teachers and students each year.

Specifically, OESE offers the following:

Curriculum Materials—*Art to Zoo*, a quarterly journal, covers a variety of topics for teachers of grades 3-8. Multimedia educational kits and a range of materials based on OESE conferences and symposia provide K-12 teachers with new approaches to curricular subjects.

Materials for Students—Publications, computer software, and other educational materials make the Smithsonian's resources available to a broad audience.

Internships for Teens—National and local internship programs introduce high school students to academic discipline and museum careers.

Clearinghouse Services—Print materials and computer networks provide information about Smithsonian-wide educational materials and programs available to educators across the country.

Conferences, Courses, Symposia, Teacher Internships, and Workshops—Educators can take advantage of a variety of programs held at the Smithsonian and other locations.

National Partnership Program and Summer Institutes—Educators throughout the United States benefit from programs designed to strengthen ties between community museums and schools. Such programs also make new teaching methods and materials available to a wider audience.

For more information, contact:

Office of Elementary and Secondary Education
Smithsonian Institution
Arts and Industries Building
Room 1163, MRC 402
Washington, D.C 20560
202/357-2425 (voice) 202/357-1696 (TTY) 202/357-2116 (fax)

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AN OVERVIEW OF THE GUIDE

The *Resource Guide for Teachers* is designed to be a user-friendly catalogue of educational materials available from the Smithsonian Institution and several organizations affiliated with the Smithsonian: The National Gallery of Art, The Kennedy Center for the Performing Arts, and Reading Is Fundamental. Educators in each contributing office provided the listings we've included.

OVERVIEW

How the Guide is Organized

This guide contains more than 400 entries, each of which is listed in the main body of the text under a heading determined to be of the most use to the most people. For example, we judged *The Presidents* (a book discussing portraits at the National Portrait Gallery) to be of more interest to history students than to art students—hence we listed it under the "American Political History" heading rather than under the art heading. But it's also cross-referenced in the index section in three places: under "American Art" in the subject index, under "The Presidents" in the title index, and under "Books" in the media index. (In addition to books, the media index includes listings of exhibit catalogues, posters, teaching guides, videos, and many other materials.)

How to Order Materials

Each entry is numbered and includes:

- a description of the materials
- the grade levels for which they're appropriate
- the cost (if any)
- the organization to contact when ordering, located on the last line of each entry

The addresses and phone numbers of each organization you'll be ordering from are listed in the section entitled "Where to Order Materials" (starting on page 79). To order, please make copies of the order form provided on page 83. Fill in all relevant information and include payment. (Please note that prices are subject to change without notice.)

If you wish to order materials from more than one organization, please remember: You must send a separate form to each organization from which you are ordering. If you have questions about materials or about the ordering process, feel free to contact the organization from which you're ordering.

How to Order Additional Copies of the Guide

A separate order blank for obtaining free additional copies of this guide appears on page 84. Please send your request to the address provided.

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THE SMITHSONIAN INSTITUTION

The Smithsonian Institution, centered on the National Mall in Washington, D.C., is devoted to public education, basic research, and national service in the arts, sciences, and history. Established by an Act of Congress in 1846 with a generous bequest from James Smithson, an English scientist, the institution that bears his name now receives several million visitors a year. The Smithsonian is an important center for research, and it is the largest museum complex in the world.

The Smithsonian Institution's museums and galleries include the following. Call for information about education programs and group tour scheduling.

THE SMITHSONIAN INSTITUTION

IN WASHINGTON, D.C.:

Smithsonian Institution Building
The original Smithsonian building, the Castle, houses the Smithsonian Information Center and administrative offices.
(202) 357-2700 (voice) or (202) 357-1729 (TTY)
Some tours in Spanish

Anacostia Museum
African-American history and culture
(202) 287-3369 (voice) or (202) 786-2414 (TTY)

Arthur M. Sackler Gallery
Asian art from ancient times to the present
(202)357-4880, ext. 246 (voice) or (202) 786-2374 (TTY)

Arts and Industries Building
Discovery Theater (202) 357-1500 (voice and TTY)
The Experimental Gallery (202) 786-2850

Freer Gallery of Art
Asian and late-nineteenth-century American art
(202) 357-4880(voice) or (202)786-2374 (TTY)

Hirshhorn Museum and Sculpture Garden
Modern painting and sculpture
(202) 357-3235 (voice and TTY)

National Air and Space Museum
History of aviation, space science, and space technology
(202) 357-1400 (voice) or (202) 357-1505 (TTY)

National Museum of African Art
Collection, study and exhibition of African art
(202) 357-4600, ext 222 (voice) or (202) 357-4814 (TTY)

National Museum of American Art
Painting, sculpture, graphics, folk art, and photography, eighteenth century to the present
(202) 357-3111 (voice) or (202) 357-4522 (TTY)

National Museum of American History
History of science, technology, and culture in America
(202) 357-1481 (voice) or (202) 357-1563 (TTY)

National Museum of Natural History
History of the natural world and human cultures
(202) 357-2747 (voice) or (202) 633-9287 (TTY)

National Portrait Gallery
Portraits of significant Americans
(202) 357-2920 (voice) or (202) 786-2414 (TTY)

National Postal Museum
America's postal history and extensive philatelic collection
(202) 633-9380

National Zoological Park
Three thousand animals in a beautiful 163-acre park
(202) 673-4955 (voice) or (202) 673-4823 (TTY)

Renwick Gallery
Permanent collection and exhibition of American crafts
(202) 357-2531 (voice) or (202) 357-4522 (TTY)

S. Dillon Ripley Center
The International Gallery

IN NEW YORK CITY:

Cooper-Hewitt, National Museum of Design
Historical and contemporary design
(212) 860-6868

National Museum of the American Indian
Native American objects from North, South, and Central America
(212) 283-2420

The Smithsonian's facilities devoted to research include:

Archives of American Art
Smithsonian's research bureau in the field of American art history

Conservation and Research Center of the National Zoo
Activities strengthen species preservation efforts

Smithsonian Astrophysical Observatory/Center for Astrophysics
Studies the nature and evolution of the universe

Smithsonian Environmental Research Center
Studies factors that influence the health of the environment

Smithsonian Marine Station at Link Port
A marine laboratory in Florida

Smithsonian Tropical Research Institute
Devoted to the preservation of tropical ecosystems; based in Panama

Smithsonian Membership

The Smithsonian Institution invites teachers and educational organizations as well as individuals and families across the country and around the world to become Associate members. Among the many benefits, the primary focus is *Smithsonian* magazine (12 issues). *Smithsonian* illuminates an exciting world of learning in the arts, sciences, and history. The magazine also appeals to young readers and is an ideal resource for enhancing curricula.

Membership also provides a 10 percent to 20 percent discount on most items purchased from the Smithsonian book and record divisions, museum shops, and catalogues by mail, as well as travel, lecture, and seminar opportunities. The cost of a year's membership is $22.00.

For membership information, please write or call:

Smithsonian Information
Smithsonian Institution
SI Building Room 153, MRC 010
Washington, D.C. 20560
(202) 357-2700 and
(202) 357-1729 (TTY)

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Catalogues and Visitor Guides

1 **Complete Catalogue.** *Catalogue.* Catalogue of books, recordings, and videos published by the Smithsonian, many of which are drawn from or based on Smithsonian Institution collections.
Updated regularly.
Grades K-12.
No charge.
Smithsonian Institution Press, Washington, D.C., location.

2 **Discovery Room: An Introduction.** *Slides plus booklet.* Introduction to the Discovery Room, a "hands-on" exhibit at the National Museum of Natural History, where visitors can touch and explore objects kept by the museum. Designed to assist teachers planning a trip to the Discovery Room, it provides an orientation for their students and may also be used by museum educators and others who are developing an interactive exhibit.
18 slides, 13-page booklet.
Grades K-6.
$6.95 plus $1.49 shipping and handling.
Office of Printing and Photographic Services.

3 **Discovery Theater.** *Brochure.* Announcements of live theatrical performances at the Smithsonian for young people and their families. Productions vary from puppet shows and storytelling to dance troupes and original plays.
Updated yearly.
Grades Pre-K-12.
No charge.
Discovery Theater.

4 **Education Resource Center at the National Air and Space Museum.** *Brochure.* Description of the Education Resource Center, which offers teachers of all grades access to educational materials about aviation, space, and the museum's collections. Explains procedures for mail-in requests. Materials available for preview include print media, curriculum packages, lesson plans, slides, filmstrips, videodiscs, and software produced by the museum, the National Aeronautics and Space Administration, other government agencies, and private organizations.
Grades K-12.
No charge.
Office of Education, National Air and Space Museum.

5 **A Guide for Groups: Planning a Smithsonian Visit.** *Leaflet.* Guide to planning and scheduling a group visit to the Smithsonian's 14 museums and the National Zoo in Washington, D.C. Includes information on the history of the Institution, scheduling group tours, food services, and special arrangements for group dining, bus parking, and public transportation. Provides information about services for visitors with disabilities.
Updated regularly, 3 pages.
Grades Pre-K-12.
No charge, single copy only (for teachers, tour leaders).
Visitor Information and Associates' Reception Center.

6 **Guide to the Nation's Capital and the Smithsonian Institution.** *Guide.* Color foldout guide introducing the Smithsonian's 14 museums and the National Zoo in Washington, D.C., with a detailed street map of the city showing Metrorail routes and more than 100 points of interest in the metropolitan area. Provides a self-guided walking tour of historic Georgetown.
16 pages, includes detailed map.
Grades Pre-K-12.
Nominal fee, bulk rates available (for teachers, tour leaders).
Visitor Information and Associates' Reception Center.

7 **High School Summer Intern Program.** *Brochure.* Description of OESE's summer intern program for graduating high school seniors, including application information.
Updated annually (available in January; March deadline).
Grade 12.
No charge.
Office of Elementary and Secondary Education.

Catalogues and Visitor Guides

8 **The Insect Zoo: A Self-Guided Visit.** *Leaflet.* Background on arthropods with suggestions about what to look for on a trip to the Insect Zoo at the National Museum of Natural History. Recommends out-of-class activities and provides vocabulary and bibliographic lists.

7 pages, includes bibliography.
Grades K-6.
No charge.
Insect Zoo, National Museum of Natural History.

9 **Internship Opportunities at the Smithsonian Institution.** *Guide.* Comprehensive guide to 40 museums and offices at the Smithsonian that offer internships. Although the programs described are directed at the college level and above, this book gives valuable information about museum careers and provides details on the rich variety of research and museum functions at the Smithsonian, which may be of interest to high school students.

Grades 10-12.
$5.00.
Office of Museum Programs.

Catalogues and Visitor Guides

10 **Internships and Fellowships.** *Booklet.* List of internships and fellowships available at Smithsonian museums and offices.

Updated regularly, 24 pages.
Grade 12.
No charge, single copy only.
Visitor Information and Associates' Reception Center.

11 **National Gallery of Art.** *Catalogue.* Attractive presentation of color reproductions available from the gallery. Organized alphabetically by artist. [Teachers can receive a 20 percent discount on materials amounting to $50 or more that are mail-ordered with an institutional purchase order.]

Published 1991, 64 pages plus order forms.
Grades K-12.
No charge.
Publications Office, National Gallery of Art.

12 **National Gallery of Art Guide to Resources and Programs.** *Booklet.* Comprehensive overview of educational opportunities offered by the gallery, including tours, seminars, workshops, internships, film programs, concerts, family activities, and research facilities.

Published 1990, 24 pages.
Grades K-12.
No charge.
Publications Office, National Gallery of Art.

13 **The National Portrait Gallery: School Services.** *Brochure.* Description of programs available for teachers to use in conjunction with a visit to the National Portrait Gallery.

Grades K-12.
No charge.
Education Department, National Portrait Gallery.

14 **OESE Fact Sheet.** *Fact sheet.* Description of the mission, priorities, and services of the Smithsonian's Office of Elementary and Secondary Education.

Grades Pre-K-12.
No charge.
Office of Elementary and Secondary Education.

15 **Opportunities for Volunteer Service.** *Booklet.* Description of volunteer service options at the Smithsonian Institution in Washington, D.C. Opportunities include docent, visitor information, behind-the-scenes, special support, and seasonal programs. Time commitments and other requirements vary from program to program.

Updated regularly, 12 pages.
Grades 10-12.
No charge, single copy only (16 years of age and over).
Visitor Information and Associates' Reception Center.

16 **Planning Your Smithsonian Visit.** *Booklet.* Previsit planning booklet providing information on the Smithsonian's 14 museums and the National Zoo in Washington, D.C. Booklet lists Smithsonian hours, information services, access for visitors with disabilities, attractions for children, museum "highlight" tours, and memberships as well as suggestions for where to eat, transportation, sightseeing in Washington, tourist information sources, and recommended reading. Maps of Metrorail, the Capital Beltway, and Smithsonian national museums on and near the Mall are also included.

Updated regularly, 18-page booklet, map of Metrorail, map of the Capital Beltway, map of Smithsonian national museums on and near the Mall.

Grades Pre-K-12.

No charge, single copy only (for members and general public).

Visitor Information and Associates' Reception Center.

17 **Regional Workshop Program.** *Brochure.* Information highlighting OESE program that builds collaborations between museums and schools in communities across the United States.

Grades Pre-K-12.

No charge.

Office of Elementary and Secondary Education.

Catalogues and Visitor Guides

18 **Research Aids.** *Bibliographies, fact sheets, leaflets.* Bibliographies, fact sheets, and leaflets in diverse subject areas related to collections at the Smithsonian.

Grades 7-12.

No charge, single copy only.

Visitor Information and Associates' Reception Center.

19 **School Programs and Tours at the National Museum of American History.** *Brochure.* Discussion of available school tour programs at the National Museum of American History.

Updated annually.

Grades K-12.

No charge.

Education Division, National Museum of American History.

20 **School Tours at the National Air and Space Museum.** *Brochure.* Description and reservation form for school tours for all grades at the National Air and Space Museum.

Grades K-12.

No charge.

Office of Education, National Air and Space Museum.

21 **Smithsonian Books/Recordings/Videos.** *Catalogue.* Illustrated booklet listing more than 75 books, recordings, and videos available for purchase from the Smithsonian. Detailed description of all items, which range from *The Smithsonian Guides to Historic America* and *The National Zoo* to *Folksong America* and *The Smithsonian Collection of Classical Jazz.* Includes order form and purchase information.

26 pages, illustrated.

Grades K-12.

No charge.

Smithsonian Books and Recordings.

22 **The Smithsonian Institution.** *Fact sheet.* Information on the Smithsonian's history, annual budget, administrative organization, annual visitation, size and scope of the collections, traveling exhibitions, and research facilities.

Updated annually, 5 pages.

Grades 7-12.

No charge, single copy only.

Visitor Information and Associates' Reception Center.

23 **Smithsonian Museums at-a-Glance.** *Color brochure.* Basic information on the Smithsonian's 14 national museums and the National Zoo. Provides brief descriptions of collections, hours of operation, museum locations, public transportation options, and visitor services (e.g. public TTY, museum shops, checkrooms, automatic teller machines, food services, and accessible entrances for visitors with disabilities).

Updated regularly, 2 pages, includes 2 maps.

Grades Pre-K-12.

No charge, available in bulk (for teachers, tour leaders).

Visitor Information and Associates' Reception Center.

Catalogues and Visitor Guides

24 **Smithsonian Picture Tour Books.** *Books.* Visual sampling of the enormous variety of Smithsonian collections, showcasing the most popular and appealing treasures from Charles Lindbergh's *Spirit of St. Louis* at the Air and Space Museum to the Natural History Museum's fascinating insect zoo. Titles provided are *A Picture Tour of the Smithsonian, A Picture Tour of the National Museum of Natural History,* and *National Air and Space Museum: A Visit in Pictures.*

64 pages each, illustrated.
Grades 4-12.
$6.98 each, please specify.
Smithsonian Institution Press.

25 **Smithsonian Spectrum.** *Brochure.* Overview of the services provided by the Smithsonian Institution's individual museum education departments. Primarily intended for Washington, D.C.-area teachers, but also useful for teachers visiting the area. Includes information on transportation and field trips and gives addresses/phone numbers of museum education departments.

Updated annually.
Grades Pre-K-12.
No charge.
Office of Elementary and Secondary Education.

26 **Summer Seminars for Teachers.** *Brochure.* Description of Smithsonian in-service professional development courses available to Washington, D.C.-area teachers each summer.

Updated annually (available in April).
Grades Pre-K-12.
No charge.
Office of Elementary and Secondary Education.

27 **Supertour.** *Videocassette.* Tour of some of the Smithsonian's most popular exhibits and tourist sights with actor Dudley Moore and an entourage of young fans.

59-minute 1/2-inch VHS-format video.
Grades 3-9.
$29.95 (Video No. VSP91).
Video Division, Smithsonian Institution Press.

28 **Visiting Natural History with School Groups.** *Tour guide.* Guide for teachers bringing groups to the National Museum of Natural History.

Updated annually, 12 pages.
Grades Pre-K-12.
No charge.
Office of Education, National Museum of Natural History.

29 **The Whole Folkways Catalogue.** *Catalogue.* Listing of over 2,100 historic Folkways Recordings titles including American and international folk music, spoken arts, science, educational, and children's recordings. All titles available in audiocassette format with original LP liner notes. Folkways titles reissued on Smithsonian/Folkways label are also available in CD format.

Grades K-12.
No charge.
Smithsonian/Folkways Recordings, Center for Folklife Programs and Cultural Studies.

30 **"Word of Mouth" Storytelling Symposium for Educators.** *Brochure.* Details about this annual symposium on using storytelling as a teaching medium.

Updated annually.
Grades Pre-K-12.
No charge.
Office of Elementary and Secondary Education.

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PERIODICALS

31 **Anthro Notes.** *Newsletter.* Regular publication for teachers covering topics in physical anthropology, archaeology, linguistics, and cultural anthropology. Contains lead articles focusing on recent research of interest to teachers, suggestions for practical teaching activities, feature articles that balance the subdisciplinary coverage of the issue, and reviews of teacher resources such as summer field opportunities, new curriculum packages, films, and books.

Published three times a year, 16 pages.
Grades 9-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

32 **Art to Zoo.** *Teaching guide.* Regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use. Select back issues also available.

Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subscription).
Office of Elementary and Secondary Education.

33 **Let's Go.** *Newsletter.* Regular publication highlighting exhibitions, resources, and publications of interest to teachers in the Washington, D.C., area.

Published quarterly.
Grades Pre-K-12.
No charge.
Office of Elementary and Secondary Education.

34 **National Science Resources Center Newsletter.** *Newsletter.* Biannual publication for precollege teachers and administrators covering the activities of the National Science Resources Center and other organizations working to improve the teaching of science and mathematics. Provides updates on the development, testing, and availability of Science and Technology for Children program materials designed for hands-on science instruction in grades 1-6 and on NSRC-sponsored outreach activities.

Published spring and fall, 4-6 pages, illustrated.
Grades 1-12.
No charge; ask to be placed on mailing list.
National Science Resources Center.

35 **Science Horizons.** *Newsletter.* Regular publication disseminating information about education projects underway at the Science Education Department of the Harvard-Smithsonian Center for Astrophysics, including summer workshops for teachers, the development of software for the simulation of modern physics, and highly sensitive image-processing equipment for classroom use. Continues/expands offerings of Project STAR newsletter, which ended in May 1992 with completion of project.

Published during the academic year (fall, winter, spring); first issue planned for winter 1993.
Grades 1-12.
No charge.
Newsletter, Science Education Department, Harvard-Smithsonian Center for Astrophysics.

36 **Skylines.** *Newsletter.* Regular publication for teachers including information about exhibitions, programs, and activities for students and teachers at the National Air and Space Museum.

Published three times a year, 6 pages.
Grades K-12.
No charge; ask to be placed on mailing list.
Office of Education, National Air and Space Museum.

37 **African Art.** *Slides, audiocassette, and text.* Discussion of African works of art in terms of their ritual use and regional or tribal characteristics. National Gallery of Art Catalogue No. 015.

77 slides, 86-minute audiocassette (narration in two parts), and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

38 **African Art in the Permanent Collection.** *Slides.* Set of slides surveying works at the National Museum of African Art and introducing themes and concepts in African art in preparation for a museum visit or to supplement classroom study.

40 slides.
Grades 3-12.
Available for 3-week loan at no charge.
Department of Education, National Museum of African Art.

VISUAL ARTS

39 **The Art of West African Strip-Woven Cloth.** *Videocassette.* Description and demonstration of the production of cloths woven in West Africa on narrow-strip horizontal looms. Shows procedures used to spin and dye thread, weave cloth strips, and assemble the strips into cloths.

Produced 1987, 12-minute 1/2-inch VHS-format color video.
Grades 6-12.
Available for 3-week loan at no charge or for purchase; phone for details.
Department of Education, National Museum of African Art.

40 **The Hands of the Potter.** *Videocassette.* Demonstration of the magic of a Sundi potter as she forms moist clay to produce perfect pots. Filmed in the Republic of the Congo by archaeologist Raymond Lanfranchi.

Produced 1991, 26-minute 1/2-inch VHS-format color video.
Grades 6-12.
Available for 3-week loan at no charge.
Department of Education, National Museum of African Art.

41 **Icons: Ideals and Power in the Art of Africa.** *Slide kit.* Survey of five fundamental themes in African art: the woman and child, the couple, the forceful male, the rider, and the stranger.

20 slides, explanatory text, related book.
Grades 5-12.
Available for 3-week loan at no charge.
Department of Education, National Museum of African Art.

42 **Masters of Brass: Lost-Wax Casting in Ghana.** *Videocassette.* Demonstration of ancient technique among the Akan and Frafra peoples of Ghana in which a wax model is used to create a mold for casting a metal object.

Produced 1985 by Saint Louis Art Museum, 22-minute 1/2-inch VHS-format color video.
Grades 7-12.
Available for 3-week loan at no charge.
Department of Education, National Museum of African Art.

43 **Nagayati: Arts and Architecture among the Gabra Nomads of Kenya.** *Videocassette.* Exploration of the arts and architecture of the Gabra nomads in northern Kenya, East Africa. Nagayati ("Be in Peace") documents a marriage ceremony, during which a new house and its furnishings are created. By integrating the art and technology of building and transport, women fulfill the roles of designers, builders, owners, and users.

Produced 1991 by Peter Oud, Film and Photography for Development Work, 50-minute 1/2-inch VHS-format color video.
Grades 9-12.
Available for 3-week loan at no charge.
Department of Education, National Museum of African Art.

44 **Togu na and Cheko: Change and Continuity in the Art of Mali.** *Videocassette.* Exploration of traditional art forms as they exist in contemporary Mali. Focuses on the sculpture art of men's meetinghouses among the Dogon peoples and on performances, including puppetry, at festivals of the Bamana peoples.

25-minute 1/2-inch VHS-format video.

Grades 6-12.

Available for 3-week loan at no charge or for purchase; phone for details.

Department of Education, National Museum of African Art.

AMERICAN ART

VISUAL ARTS

45 **American Art from the National Gallery of Art.** *Videodisc.* A compendium of more than 2,600 works from the National Gallery's collections of American art, spanning three centuries and including paintings, sculptures, drawings, watercolors, prints, and decorative arts. Artists represented include such names as Gilbert Stuart and Jackson Pollock, Alexander Calder and Martin Puryear, John James Audubon and Mark Rothko. [Copies of this videodisc were awarded to winners in a 1992 national competition to propose models for using the videodisc as an educational resource.]

Released 1992, 12-inch optical laser disc designed for use on optical laser videodisc players with interactive and random search capability.

Grades K-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

46 **American Landscape: 19th-Century Selections.** *Brochure.* Highlights of 12 landscape artists who depicted America's virgin forests, natural wonders, westward movement, and Native Americans. Included are scenes of Niagara Falls, the Grand Canyon of the Yellowstone, the Sierra Nevadas, and the coast of Maine.

Published 1987, 13 pages.

Grades 5-12.

No charge.

Office of Educational Programs, National Museum of American Art.

47 **American Vision.** *Film or videocassette.* Presentation of pictures from the National Gallery of Art that give a broad view of American painting from pre-Revolutionary days to the beginning of the 20th century. National Gallery of Art Catalogue No. 101 (film) or VC101 (video).

36-minute color 16mm film or 1/2-inch VHS-format video (closed captioned also available).

Grades K-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

48 **Art in the Permanent Collections of the National Museum of American Art.** *Slides.* Inventory of 350 color slides of works that reflect America's artistic heritage from colonial to contemporary times is available for lending or purchase. Artists include Albert Bierstadt, George Catlin, Jacob Lawrence, Robert Rauschenberg, and John Singer Sargent. [Teachers in the Washington metropolitan area may borrow slides for 2 weeks at no cost by visiting the museum's public lending library at 8th and G Streets, N.W. Phone first for an appointment: 202-357-2283.]

List of 350 slides and ordering information.

Grades K-12.

No charge for list ($5.00 per slide for purchase).

Registrar's Office, National Museum of American Art.

49 **The Grand Generation: Memory, Mastery, Legacy.** *Exhibition catalogue.* Catalogue of an exhibition of American folk art by elderly people. This celebration of their art, stories, and life skills by Mary Hufford, Marjorie Hunt, and Steven Zeitlin includes 100 illustrations.

Published 1987, 128 pages, illustrated.

Grades 6-12.

$14.95 plus $3.00 shipping and handling fee.

Smithsonian Institution Traveling Exhibition Service.

50 **Hispanic-American Art/El Arte Hispanoamericano.** *Brochure.* Bilingual description of works by eight Hispanic-American artists over the past 160 years. Works represent not only the diversity of Hispanic-American culture but crucial historical developments that have transformed American art in this century.

Published 1987, 18 pages.
Grades 5-12.
No charge.
Office of Educational Programs, National Museum of American Art.

51 **In Open Air: A Portrait of the American Impressionists.** *Film or videocassette plus discussion guide.* Exploration of American impressionist paintings from 1880 to 1915, tracing American artists' discovery of the exciting techniques of the French impressionists. Film features Theodore Robinson, William Merritt Chase, and Childe Hassam. Includes discussion guide.

VISUAL ARTS

Produced 1982 by Office of Telecommunications, 28-minute color 16mm film, or 1/2-inch Beta- or VHS-format video, or 3/4-inch formats, discussion guide.
Grades 9-12.
$555.00 for film, $315 for video (specify format).
Phoenix/BFA Films and Video, Inc.

52 **John Russell Pope: Architect of the National Gallery.** *Videocassette.* In-depth look at the history and origins of the National Gallery's West Building, produced for the 50th Anniversary exhibition John Russell Pope and the Building of the National Gallery of Art. Includes archival construction photographs and original drawings of the architect's last major commission and one of his most distinguished buildings. National Gallery of Art Catalogue No. VC153.

Released 1992, 17-minute 1/2-inch VHS-format video.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

53 **Mythology and the Art of Paul Manship.** *Brochure.* Reproductions of 12 bronze sculptures by Art Deco artist Manship, along with the text of Greek and Roman myths that inspired his work. These include the stories of Prometheus, Eros and Psyche, Hercules, and the flight of Europa.

Published 1989, 14 pages.
Grades 5-12.
No charge.
Office of Educational Programs, National Museum of American Art.

54 **A Nation of Painters.** *Film.* Reflections on America's untrained artists between the Revolution and the Civil War. Captures the optimism and exuberance that mirrored national confidence in the future of the United States. Accompanied by banjo music. National Gallery of Art Catalogue No. 113.

7-minute 16mm film.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

55 **Survey of American Painting.** *Slides, audiocassette, and text.* Review of the development of American painting from colonial times to the early 20th century through works by major American artists. Emphasizes Gilbert Stuart, Benjamin West, Winslow Homer, and Mary Cassatt. Also includes paintings by self-taught artists. National Gallery of Art Catalogue No. 002.

40 slides, 28-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

56 **To Color America: The Portraits of Winold Reiss.** *Book.* Collection of portraits by German-born Reiss (1886-1953) compiled by Jeffrey C. Stewart. Reiss' innovative aesthetic technique captured the iconic and folk character of African Americans and Native Americans while preserving and highlighting the individuality of his subjects.
Published 1989, 356 pages, illustrated.
Grades 10-12.
$29.95, paperback.
Smithsonian Institution Press.

57 **Treasures from the National Museum of American Art.** *Book.* Survey of the history of American artwork from the museum's collection dating back to the mid-1700s, compiled by William Kloss.
Published 1986, 256 pages, illustrated.
Grades 7-12.
$42.00 in cloth cover, $24.95 in paperback.
Smithsonian Institution Press.

VISUAL ARTS

58 **Treasures from the Smithsonian Institution.** *Poster.* Colorful detail of Thomas Moran's landscape painting, "Cliffs of the Upper Colorado River, Wyoming Territory," 1882.
30" x 20" poster.
Grades 6-12.
$10.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

59 **The West as America.** *Teaching guide.* Teaching materials that focus on westward expansion. Lesson plans feature the work of prominent 19th-century American artists and explore how the work often created myths by portraying a less-than-objective account of history.
Published 1991.
Grades 5-12.
No charge.
Office of Educational Programs, National Museum of American Art.

60 **What Style Is It?** *Poster.* Popular poster illustrating 20 examples of America's most common architectural styles in black-and-white line drawings from the Historic American Buildings Survey.
40" x 16" poster on heavy cream paper, printed in black and brick.
Grades 6-12.
$6.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

ART EDUCATION

61 **Adventures in Art.** *Film or videocassette.* Tour of the National Gallery of Art with actress Julie Harris, who shares her observations of various paintings and different ways of seeing with viewers. Discusses color, composition, light, and shade as well as pertinent historical facts about the artists and subjects shown. Introduces a first visit to an art museum. National Gallery of Art Catalogue No. 138 (film) or VC138 (video).
28-minute color 16mm film or 1/2-inch VHS-format video (closed captioned also available).
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

62 **The Art of the Nature Print.** *Exhibition catalogue.* Tracing the long and fascinating history of nature prints, from handprints by Stone Age cave dwellers to the works of Benjamin Franklin and late-20th-century artists.
16 pages, illustrated, beautiful endpapers.
Grades 9-12.
$3.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

63 **The Artist's Eye: Pictorial Composition.** *Slides, audiocassette, and text.* Definition of basic elements of composition—line, plane, and form—through a series of diagrams and overlays. Also traces important changes in pictorial organization through paintings from Byzantine, Gothic, Renaissance, mannerist, baroque, and rococo periods to more recent developments, including cubism. National Gallery of Art Catalogue No. 010.

74 slides, 41-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

VISUAL ARTS

64 **The Artist's Hand: Five Techniques of Painting.** *Slides, audiocassette, and text.* Explanation of methods and materials used in painting from the Renaissance to modern times. Demonstrates techniques in works by Luini (fresco), Domenico Veneziano (tempera), van Eyck (resin-oil), El Greco (oil-glaze), and Cézanne (direct oil). National Gallery of Art Catalogue No. 008.

50 slides, 31-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

65 **Color and Light in Painting.** *Slides, audiocassette, and text.* Introduction to theories of color and light in painting. Explains basic terms and illustrates techniques using color and light in paintings by Rembrandt, Goya, Renoir, Monet, Picasso, and other major artists. National Gallery of Art Catalogue No. 009.

50 slides, 26-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

66 **The Cooper-Hewitt Collections: A Design Resource.** *Booklet.* Details of school programs offered by Cooper-Hewitt, National Museum of Design, in New York City in conjunction with the exhibition The Cooper-Hewitt Collections: A Design Resource. Includes information on tours, suggested student activities on design by grade level, and discussion questions. (The museum also has ongoing development of activity guides for special exhibitions and design education).

Prepared 1991, 5 pages.
Grades K-12.
No charge.
Cooper-Hewitt, National Museum of Design.

67 **The Cooper-Hewitt Collections: A Design Resource.** *Brochure.* Overview of the collecting philosophy and history of Cooper-Hewitt, National Museum of Design, based on the exhibition of the same name.

Prepared 1991, 16 pages, illustrated.
Grades K-12.
No charge.
Cooper-Hewitt, National Museum of Design.

68 **Introduction to Sculpture.** *Videocassette.* Orientation to the art of sculpture, using works from the permanent collections of the National Gallery of Art. Objects provide a survey of major stylistic periods in Western art, from Medieval, Renaissance, and baroque to contemporary 20th century. A sculptor demonstrates carving in marble, molding clay, casting bronze, and welding steel. National Gallery of Art Catalogue No. VC152.

Released 1992, 19-minute 1/2-inch VHS-format video.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

69 **Introduction to Understanding Art.** *Slides, audiocassette, and text.* Introduction to art in simple terms. Presents examples of paintings, sculpture, ceramics, and tapestry from various periods in history. Describes materials and processes used by artists. National Gallery of Art Catalogue No. 007.

40 slides, 40-minute audiocassette, and text.

Grades 7-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

70 **Masters of Illusion.** *Videocassette.* Examination of the artistic and scientific discoveries of the Renaissance, a period of remarkable visual revolution. Focus on perspective and visual techniques that create illusions of space. National Gallery of Art Catalogue No. VC210.

Released 1992, 30-minute 1/2-inch VHS-format video.

Grades K-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

71 **National Gallery of Art.** *Videodisc.* Introduction to the National Gallery of Art in two video programs. A 22-minute program gives a brief history of art museums in America, concentrating on the origins and development of the National Gallery. A 27-minute program focuses on an overview of the Gallery's collections. Its still-frame catalogue of 1,645 images of paintings, sculptures, drawings, and prints, with caption information and printed index, is valuable for reference and research. National Gallery of Art Catalogue No. A03.

12-inch optical laser disc designed for use on optical laser videodisc players with interactive and random search capability.

Grades K-12.

Available for 9-month loan, permitting extended classroom use; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

72 **National Gallery of Art Extension Programs.** *Catalogue.* Descriptions of extension programs offered on free loan by the National Gallery of Art. Lists more than 100 color slide programs, films, videocassettes, teaching packets, and videodiscs designed to meet a variety of teaching needs and foster understanding of works of art within the culture of historical periods. Some programs are listed elsewhere in this guide; others focusing on a single artist or a particular style, theme, or era are available also. Catalogue includes instructions for use, selected subject indexes, and ordering information and forms.

Updated regularly, addenda also issued, 36 pages, illustrated.

Grades K-12.

No charge.

Department of Education Resources, National Gallery of Art.

73 **National Gallery of Art: A Treasury of Masterpieces.** *Videocassette.* J. Carter Brown, former director of the National Gallery, hosts this sweeping look at the Gallery's beginnings, expansion, and evolution into a national institution. Rare photographs, historic film footage, and a tour of the West and East buildings are included. National Gallery of Art Catalogue No. VC208.

Released 1992, 50-minute 1/2-inch VHS-format video.

Grades K-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

74 **On Our Way.** *Booklet.* Large-format publication containing classroom exercises on looking at and discussing art. Topics explored include: What is a museum? What is the language of art? What are line, shape, color, texture?

Published 1989, 17 pages.

Grades 1-4.

No charge.

Office of Educational Programs, National Museum of American Art.

75 **Picture It!** *Book.* Presentation of the development of photography by William F. Stapp and Marjorie L. Share with illustrations of various photographic techniques. Includes suggestions for organizing and maintaining a collection of prints and a glossary.
Published 1981, 95 pages, illustrated.
Grades 6-12.
$3.50 (10 percent discount to teachers, educational organizations, and libraries) plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

Art History

Visual Arts

76 **700 Years of Art.** *Slides, audiocassette, and text.* Survey of major periods in art through the collections of the National Gallery of Art. Narration traces styles of painting from the Middle Ages to the 20th century and presents the artist as a recorder and interpreter of the age. National Gallery of Art Catalogue No. 001.
60 slides, 40-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

77 **Circa 1492.** *Teaching packet.* Materials for bringing the cultural and artistic aspects of the Age of Exploration into the classroom. The exhibition Circa 1492: Art in the Age of Exploration assembled more than 600 paintings, sculptures, drawings, decorative arts, maps, and scientific instruments from around the world. The 20 objects featured here represent artistic achievements of major civilizations in Europe, Africa, Asia, and the Americas. National Gallery of Art Catalogue No. TP3.
Published 1992, 20 slides, 15 study prints, and booklet.
Grades K-12.
Available on loan, with borrower paying return postage.
Department of Education Resources, National Gallery of Art.

78 **Dürer's Animals.** *Book.* Menagerie of more than 600 illustrations of beasts drawn from the works of Albrecht Dürer, the greatest Renaissance artist of Northern Europe. This compilation by Colin Eisler reveals the mythic, religious, and social meanings behind the artist's depictions of dogs, birds, farm animals, mythological beasts, and monsters.
Published 1991, 386 pages, illustrated.
Grades 10-12.
$90.00, cloth cover.
Smithsonian Institution Press.

79 **Famous Men and Women in Portraits.** *Slides, audiocassette, and text.* Review of the development of portraiture in Western art. Narration focuses on famous personalities since the Renaissance, with the Medici, Sforza, and Malatesta families discussed in detail. Also features Louis XIV, Voltaire, Napoleon, George Washington, John Adams, and Abraham Lincoln. National Gallery of Art Catalogue No. 006.
50 slides, 46-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

80 **Kazimir Malevich.** *Teaching packet.* Background and historical information to aid in the study of Kazimir Malevich, one of Russia's foremost painters during the early 20th century and a leader in the development of abstract art. Malevich's career progressed through impressionism, symbolism, neoprimitivism, cubo-futurism, and "suprematism," his own abstract style. National Gallery of Art Catalogue No. TP2.
Published 1992, 20 slides, 6 study prints, and booklet with discussion questions, suggested activities, timeline, and bibliography.
Grades K-12.
Available on loan, with borrower paying return postage.
Department of Education Resources, National Gallery of Art.

81 **Matisse in Morocco.** *Teaching packet.* Guidance for discussing the profound influence that two visits to Morocco in 1912-13 had on the artistic career of Henri Matisse. Matisse in Morocco, the first exhibition to focus on this period, draws from the 23 paintings and more than 60 drawings and pen-and-ink sketches produced during this important time in the artist's life. National Gallery of Art Catalogue No. TP1.

Published 1992, 8 slides and booklet with teaching activities, bibliography, and glossary.
Grades K-12.
Available on loan, with borrower paying return postage.
Department of Education Resources, National Gallery of Art.

82 **Moscow: Treasures and Traditions.** *Teacher's poster set.* Set of posters with full-color reproductions of selected artworks from the exhibition by the same name. Provides a teacher's guide with background information and suggested classroom activities.

7 28" x 21-1/2" posters, teacher's guide.
Grades 6-12.
No charge, limited quantity available, courtesy of The Boeing Company (one per school, please).
Smithsonian Institution Traveling Exhibition Service.

VISUAL ARTS

83 **Moscow: Treasures and Traditions.** *Poster.* Reproduction of 1903 oil on canvas, "The Easter Table" by Stanislav Yulianovich Zhukovsky, portraying a rich interior scene set with hothouse spring flowers, colored eggs, ham, and holiday bread and sweet cheese.

28" x 23" poster with purple border.
Grades 6-12.
$10.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

84 **Moscow: Treasures and Traditions.** *Poster.* Reproduction of 1919 painting, "Shrovetide" by Boris Mikhailovich Kustodiev, depicting the popular pre-Lenten festival in provincial Russia as observed with abundant food and winter amusements such as troika sleigh rides, ice skating, and dancing bears.

28" x 26" poster with blue border.
Grades 6-12.
$10.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

85 **National Gallery of Art.** *Book.* Survey of collections and buildings of the National Gallery of Art by John Walker. Color reproductions of more than 1,000 paintings, sculpture, and drawings by European and American masters through the 20th century. Includes detailed commentary. Published 1975, revised edition 1984, by Harry N. Abrams, 698 pages.

Grades K-12.
Available for 9-month loan, permitting extended classroom use; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

86 **Paintings of the Great Spanish Masters.** *Slides, audiocassette, and text.* Discussion of trends in Spanish painting from the era of Ferdinand and Isabella to the 20th century. Features paintings by El Greco, Velazquez, Murillo, Goya, Picasso, and Dali. Notes Italian and Flemish influences on the development of Spanish art. National Gallery of Art Catalogue No. 004.

50 slides, 42-minute audiocassette, and bilingual English/Spanish text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

87 **Picasso: The Saltimbanques.** *Film or videocassette.* Commentary on Picasso's paintings of saltimbanques, or itinerant performers. Invokes the circus performance atmosphere that inspired the artist and traces discovery of early compositions, thought to have been lost, beneath the surface of Family of Saltimbanques. National Gallery of Art Catalogue No. 140 (film) or VC140 (video).

29-minute color 16mm film or 1/2-inch VHS-format video.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

88 **Ancient Chinese Bronzes.** *Slide packet.* Package of slides to accompany Ancient Chinese Bronzes booklet (see number 89 below).
5 slides.
Grades 8-12.
$15.00 plus postage and handling.
Laveta Emory, Museum Shop, Arthur M. Sackler Gallery.

89 **Ancient Chinese Bronzes.** *Booklet.* Examination of the bronze vessels made for the kings and great families of the early Chinese dynasties between 1700 B.C. and A.D. 200, addressing themes in social studies and art. Provides background information for teachers, activities for students, lesson plans, and list of selected films and videos.
Prepared 1991, 79 pages, illustrated, includes bibliography.
Grades 8-12.
No charge.
Education Department, Arthur M. Sackler Gallery.

VISUAL ARTS

90 **Art of Indonesia.** *Videocassette.* Documentary exploring Indonesia's ancient treasures and "shadow world" of rituals, myths, and performances. Weaves together Old Javanese poetry, sculpture, landscapes, music, and performances by traditional artists. Shot on location in Java and Bali. National Gallery of Art Catalogue No. VC209.
Released 1992, 28-minute 1/2-inch VHS-format video.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

91 **The Chinese Past: 6000 Years of Art and Culture.** *Slides, audiocassettes, text, and poster.* Four-unit program surveying Chinese cultural history from the Neolithic period through the Yüan dynasty. Two units provide narration to accompany and explain the slides, and two present traditional music, poetry, and the philosophies of Confucianism, Taoism, and Buddhism. Color map of China illustrates the major archaeological sites and lists sequence of dynasties. National Gallery of Art Catalogue No. 043.
48 slides, two 40-minute audiocassettes, text, and poster.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

92 **The Chinese Scholar's Studio.** *Slide packet.* Package of slides to accompany The Chinese Scholar's Studio booklet (see number 93 below).
6 slides.
Grades 9-12.
$18.00 plus shipping and handling.
Laveta Emory, Museum Shop, Arthur M. Sackler Gallery.

93 **The Chinese Scholar's Studio.** *Booklet.* Study of the lifestyle of the Chinese literati and the Chinese examination system. Includes student discussion questions and readings.
Prepared 1988, 35 pages.
Grades 9-12.
No charge.
Education Department, Arthur M. Sackler Gallery.

94 **Daimyo.** *Videocassette.* Depiction of the Daimyo culture of feudal Japan. Examines paradox of the warrior-aesthete in survey of Daimyo arts, including architecture, landscape gardening, poetry, calligraphy, painting, the tea ceremony, Nō theater, and swordsmanship. National Gallery of Art Catalogue No. VC205.
30-minute 1/2-inch VHS-format video.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

95 **Islamic Arts of the Book.** *Slide packet.* Package of slides to accompany Islamic Arts of the Book booklet (see number 96 below).
8 slides.
Grades 7-12.
$24.00, plus shipping and handling.
Laveta Emory, Museum Shop, Arthur M. Sackler Gallery.

96 **Islamic Arts of the Book.** *Booklet.* Examination of Islamic calligraphy, poetry, pattern, and design. Provides background information for teachers and activities for students, including a list of Washington, D.C.-area resources.
Prepared 1988, 32 pages, illustrated, includes bibliography.
Grades 7-12.
No charge.
Education Department, Arthur M. Sackler Gallery.

VISUAL ARTS

97 **The Living Arts of India.** *Teaching unit.* Complete instructional unit on India, with teacher's manual and supplemental manuals on children's games, theater activities, Indian fairs and festivals, and Mughal art and history. Also includes videocassette, audiocassettes, a library, and touchable objects for classroom use.
Two-volume teacher's manual (581 pages), four supplemental manuals, 45-minute 1/2-inch VHS-format video, two audiocassettes, library materials, and 24 related artifacts.
Grades 3-12.
Available for 3-week loan, with borrower paying shipping costs (65 lbs.) both ways; request full information.
Office of Education, National Museum of Natural History.

98 **The Noble Path.** *Booklet.* Introduction to Buddhism and Buddhist art, with background information for teachers, activities for students, list of related videos and films, and list of Washington, D.C.-area Buddhist monasteries and temples.
Prepared 1989, 64 pages, illustrated, includes bibliography.
Grades 8-12.
No charge.
Education Department, Arthur M. Sackler Gallery.

99 **Southeast Asian New Year Celebrations.** *Teaching guide.* Teacher's guide providing information, resources, and classroom activities about Vietnam, Cambodia, Laos, and Thailand. Activities are designed to stimulate hands-on, memory experiences and to arouse awareness and recognition of the cultural heritage of Southeast Asians in the United States. Planned in cooperation with community cultural consultants and teachers from Arlington and Fairfax Counties, Virginia, the guide is designed to supplement and complement school curriculums in social studies, human relations, ethnic studies, ESL, and ESOL.
96 pages.
Grades 4-6.
Available for 3-week loan, with borrower paying $3.00 handling fee (make check payable to the Smithsonian Institution).
Office of Education, National Museum of Natural History.

100 **When Kingship Descended from Heaven: Mesopotamian Art from the Louvre.** *Slide packet plus booklet.* Exploration of the depiction of rulers through art and the role of art in enhancing the image of a ruler, using the Louvre's collection of Mesopotamian art. Provides background information for teachers, activities for students, and lesson plans.
Prepared 1992, 6 slides, 36-page booklet, illustrated, includes bibliography.
Grades 8-12.
$10.00 plus shipping and handling.
Education Department, Arthur M. Sackler Gallery.

101 **Yani: The Brush of Innocence.** *Booklet.* Analysis of Chinese painting with biographical details on the life of Wang Yani, a young Chinese artist. Provides background information for teachers and activities for students, including a list of Washington, D.C.-area resources for Chinese painting supplies.
Prepared 1989, 67 pages, illustrated.
Grades 1-5.
No charge.
Education Department, Arthur M. Sackler Gallery.

EGYPTIAN ART AND CULTURE

102 **Ancient Egypt.** *Bibliography.*
Prepared 1991, 6 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

103 **Ancient Egypt: Arts and Artifacts.** *Booklet.* Archaeological discovery approach to the study of Egypt. Incorporates arts experiences.
Published 1979, 30 pages.
Grades 4-8.
$2.50 plus $2.00 shipping and handling.
Education Department, Kennedy Center.

104 **Egyptian Mummies.** *Leaflet.* Description of the art of mummification.
Prepared 1979, 5 pages, includes bibliography.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

105 **Egyptian Pyramids.** *Leaflet.* Descriptions of various types of pyramids.
5 pages, includes bibliography.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

106 **Treasures of Tutankhamun.** *Slides and audiocassette.* Description of objects in the exhibition Treasures of Tutankhamun. Includes gold mask of Tutankhamun, gilt statuette of the goddess Selket, and exquisitely crafted funerary jewelry. Music of the oud, an early Egyptian instrument, complements narration and visuals. National Gallery of Art Catalogue No. 047.
20 slides and 33-minute audiocassette.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

NATIVE AMERICAN ART

107 **American Indian Basketry.** *Bibliography.*
Prepared 1988, 4 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

108 **Ancient Art of the American Woodland Indians.** *Slides, audiocassette, and text.* Discussion of the art of the prehistoric Indians of midwestern and southeastern North America. Presents utilitarian and ceremonial objects from shell, stone, metal, wood, and pottery and considers their cultural and aesthetic significance. Includes maps showing the Archaic, Woodland, and Mississippian period sites from which the artifacts came. National Gallery of Art Catalogue No. 055.
27 slides, 32-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

109 **Arts and Crafts of the American Indians of the Southwest.** *Bibliography.*
Prepared 1988, 3 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

110 **Arts and Crafts of the Northwest Coast Indians and Eskimos.** *Bibliography.*
Prepared 1988, 5 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

111 **Arts and Crafts of the Plains Indians.** *Bibliography.*
Prepared 1988, 6 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

112 **The Far North: 2000 Years of American Eskimo and Indian Art.** *Slides, audiocassettes, text, and study prints.* Four-unit program reviews the art and culture of Alaskan Eskimo and Athabaskan and Tlingit Indians as they developed from the third century B.C. to the 19th century. Two units comment on the slides, and two present field recordings of native Alaskan songs and stories. National Gallery of Art Catalogue No. 042.
48 slides, two 40-minute audiocassettes, text, and 5 study prints.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

113 **Folk Arts of the Spanish Southwest.** *Slides, audiocassette, and text.* Survey of crafts produced in New Mexico and California by native Americans and colonial settlers under Spanish missionary influence. National Gallery of Art Catalogue No. 024.
27 slides, 24-minute audiocassette, and text.
Grades K-12.
Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.
Department of Education Resources, National Gallery of Art.

114 **Native American Painting Note Cards.** *Note cards.* Set of cards featuring paintings (from the museum's collection) by 20th-century North American Indian artists. Cards are 4-1/4 inches by 6 inches, in color, without printed message.
6 assorted cards with envelopes, illustrated.
Grades K-12.
$3.50, including postage and handling.
Publications Department, National Museum of the American Indian.

115 **North American Indian Art.** *Bibliography.*
Prepared 1989, 4 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

116 **North American Indian Silverwork.** *Bibliography.*
Prepared 1988, 2 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

117 **Southwest Indian Pottery.** *Bibliography.*
Prepared 1988, 2 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

118 **Southwest Indian Textiles and Weaving.** *Bibliography.*
Prepared 1988, 2 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

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119 **American Musical Theater.** *Audiocassettes, LPs, or CDs plus booklet.* Anthology tracing the history of the Broadway musical stage from the turn-of-the-century operetta "The Fortune Teller" to the 1964 blockbuster "Fiddler on the Roof." Illustrated booklet by Dwight Bowers explores the innovative diversity of our lyric stage.
4 audiocassettes or 6 LPs or 4 CDs, 130-page booklet, illustrated.
Grades 9-12.
$54.96 (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

PERFORMING ARTS

120 **American Popular Song: Six Decades of Songwriters and Singers.** *Audiocassettes, LPs, or CDs plus booklet.* Selection of 110 musical pieces by 62 20th-century artists including composers such as Berlin, Gershwin, Porter, and Rodgers, lyricists such as Hart, Fields, Mercer, and Hammerstein, and performers such as Sophie Tucker, Al Jolson, Sarah Vaughan, and Frank Sinatra. Booklet includes history of popular song, notes on selections, and photographs of the artists.
4 audiocassettes or 7 LPs or 5 CDs, 152-page booklet, illustrated.
Grades 9-12.
$49.96 for audiocassettes or LPs, $59.96 for CDs (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

121 **American Songbook Series.** *Audiocassettes or CDs plus annotations.* Multi-volume series of recordings that celebrate the genius of America's favorite songwriters. Each individual volume is accompanied by notes on the selections and a biographical sketch of the featured composer, written by authorities on 20th-century popular song. Volumes now available include Irving Berlin, George Gershwin, Jerome Kern, Rodgers & Hart, Harold Arlen, and Cole Porter. Future volumes will include Duke Ellington, Johnny Mercer, Alan Jay Lerner, Oscar Hammerstein, Hoagy Carmichael, Jule Styne, and more.
Each volume is 1 audiocassette or CD, notes on selections with biography.
Grades 9-12.
$18.95 per volume (please specify); credit card orders by phone.
Smithsonian Books and Recordings.

122 **The Art of Roland Hayes.** *CD.* Selection of 23 songs by the first African American ever to perform with a major symphony orchestra and the first to bring spirituals to the classical concert stage. Songs performed by the great tenor include Schubert's "Du bist die Ruh" as well as spirituals like "Plenty Good Room" and "Ezekiel Saw de Wheel."
1 CD.
Grades 9-12.
$14.99; credit card orders by phone.
Smithsonian Books and Recordings.

123 **Big Band Jazz: From the Beginning to the Fifties.** *Audiocassettes, LPs, or CDs plus listening guide.* Presentation of 80 classic performances by 30 bands including those of Louis Armstrong, Fletcher Henderson, Earl Hines, Chick Webb, Benny Goodman, Tommy Dorsey, Count Basie, Charlie Barnet, Artie Shaw, Glenn Miller, Harry James, Woody Herman, Dizzy Gillespie, Stan Kenton, and many more. Annotated, illustrated listening guide by Gunther Schuller and Martin Williams provides commentary.
3 audiocassettes or 6 LPs or 4 CDs, 52-page listening guide, illustrated.
Grades 9-12.
$49.96 for audiocassettes or LPs, $59.96 for CDs (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

124 **Classic Country Music.** *Audiocassettes, LPs, or CDs plus booklet.* Anthology of 100 selections by great country artists, from the fiddle bands of the 1920s, through the decades of Hollywood cowboys; western swing, honky tonk, rockabilly, bluegrass, and country pop, to the new traditionalists of the 1980s. Includes illustrated booklet by Bill Malone.
4 audiocassettes or 6 LPs or 4 CDs, 84-page booklet, illustrated.
Grades 9-12.
$59.96 for audiocassettes or LPs, $64.96 for CDs (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

125 **Folk Song America.** *Audiocassettes, LPs, or CDs plus booklet.* Presentation of 99 selections by traditional performers tracing the emergence of folk music from the 1910s to the folk revival of the 1950s. Booklet by Norm Cohen provides brief history of the folk song revival and detailed notes on the selections.

4 audiocassettes or 6 LPs or 4 CDs, 80-page booklet, illustrated.
Grades 9-12.
$54.96 for audiocassettes or LPs, $59.96 for CDs (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

126 **From This Moment On: The Songs of Cole Porter.** *Audiocassettes or CDs plus biography.* Centennial tribute to Cole Porter featuring 84 songs by the master of witty lyrics and exotic melodies represented by a variety of performance styles from mainstream vocalists (Crosby, Sinatra, Garland, Astaire, Streisand), cabaret artists (Bobby Short, Mabel Mercer, Portia Nelson), international entertainers (Marlene Dietrich, Maurice Chevalier), jazz singers and instrumentalists (Billie Holiday, Ella Fitzgerald, Benny Goodman, Oscar Peterson, Sarah Vaughan), and Porter himself. Includes extensively illustrated biography and annotation by Dwight Bowers.

4 audiocassettes or 4 CDs, biography, illustrated.
Grades 9-12.
$54.96 for audiocassettes, $59.96 for CDs (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

127 **Jazz Piano.** *Audiocassettes, LPs, or CDs plus booklet.* Recorded history of jazz piano from Jelly Roll Morton's earliest recordings in the 1920s through the contemporary works of Keith Jarrett. Includes booklet by jazz scholar Martin Williams and pianist Dick Katz.

4 audiocassettes or 6 LPs or 4 CDs, 70-page booklet.
Grades 9-12.
$54.96 (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

128 **The Music of Jelly Roll Morton, Volume 1, Volume 2, Volume 3.** *CDs.* Volume 1: The Pianist and Composer — collection of the best of his 1923-26 solo piano recordings; Volume 2: Chicago: The Red Hot Peppers — set of 19 of his most outstanding compositions for New Orleans-style jazz bands; Volume 3: New York, Washington, and the Rediscovery — recordings that reveal Morton reacting to changing musical trends in the late 1920s and early 1930s.

Each volume is 1 CD.
Grades 9-12.
$14.99 per volume (please specify); credit card orders by phone.
Smithsonian Books and Recordings.

129 **Singers and Soloists of the Swing Bands.** *Audiocassettes or LPS plus booklet.* Presentation of 94 performances of swing's star singers and instrumental soloists with booklet written by jazz scholar Mark Tucker. Booklet contains commentaries on the music, brief biographies of the artists, and rare photographs of the bands and artists from Louis Armstrong to Dizzy Gillespie, from Mildred Bailey to Chris Connor.

4 audiocassettes or 6 LPs, 64-page booklet, illustrated.
Grades 9-12.
$47.96 (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

130 **The Smithsonian Collection of Classic Jazz.** *Audiocassettes, LPs, or CDs plus booklet.* Collection of 95 jazz selections spanning more than 7 decades and including such greats as Scott Joplin, Bessie Smith, King Oliver, Sidney Bechet, Louis Armstrong, Billie Holiday, Ella Fitzgerald, Count Basie, Benny Goodman, Duke Ellington, Dizzy Gillespie, Charlie Parker, Sarah Vaughan, Thelonious Monk, John Coltrane, and many more. Accompanying booklet by Martin Williams provides a brief history of jazz, notes on the selections, and biographies of the musicians.

5 audiocassettes or 7 LPs or 5 CDs, 120-page booklet.
Grades 9-12.
$49.96 for audiocassettes or LPs, $59.96 for CDs (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

131 **Spain in the New World.** *Audiocassette or CD.* Collection of 16th- and 17th-century compositions by Spanish priests in North America and the American Indians they trained to be church musicians. Selections performed by Hesperus, with solos by Rosa Lamoureaux.
Audiocassette or CD.
Grades 4-12.
$10.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

132 **Star-Spangled Banner.** *Audiocassette.* Recording of three different versions of our national anthem.
Audiocassette.
Grades K-12.
$5.50 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

Performing Arts

133 **Sweet Was the Song: Traditional Carols.** *Audiocassette or CD.* The Smithsonian Chamber Players and baritone Max van Egmond singing 22 English and European carols, including *What Child Is This?, Coventry Carol,* and *Sweet Was the Song the Virgin Sung.*
1 audiocassette or 1 CD.
Grades 4-12.
$9.98 for audiocassette, $14.99 for CD (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

134 **Virtuosi.** *Audiocassettes or LPs plus booklet.* Performances by musicians whose mastery has shaped our appreciation of the great works of symphonic and chamber music, including complete works by Bach, Mozart, Chopin, Brahms, and others. Features Rubinstein, Horowitz, Casals, Menuhin, Kreisler, Heifetz, Kell, Goosens, and 17 others. Booklet provides background on each selection and performer.
5 audiocassettes or 7 LPs, 160-page booklet.
Grades 9-12.
$54.96 (specify format); credit card orders by phone.
Smithsonian Books and Recordings.

Theater

135 **Community Arts: Partnerships in Education.** *Booklet.* Broad overview of more than 45 school-community partnerships that bring the arts into the lives of young people, their families, and the community at large. Each profile reflects community arts and education collaboration strategies that are integral to current education reform efforts.
Published 1992.
Grades K-12.
$5.00 plus $2.00 shipping and handling.
Education Department, Kennedy Center.

136 **Discovery Theater Learning Guides.** *Teaching guides.* Background material and program summary related to each performance at the Smithsonian's live theater for young people. Productions vary from puppet shows and storytelling to dance troupes and original plays. Guide also suggests classroom activities and related exhibits at the Smithsonian museums.
Updated regularly.
Grades Pre-K-12.
No charge with group reservations.
Discovery Theater.

137 **Family Storytelling.** *Brochure.* Tips and techniques for telling stories and for using books in storytelling.
Published 1989.
Grades Pre-K-6.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

138 **Imagination: The Springboard to Creativity.** *Booklet.* Help for teachers in developing and refining students' creative thinking skills. Includes lessons and activities that focus on several aspects of creative thinking, such as challenging assumptions, making connections, and taking risks. Grade levels K-12 are indicated for each activity, but all can be adapted for older or younger students or for students with special needs. Includes suggestions for establishing a classroom atmosphere that encourages creativity.

Published 1981, 22 pages.
Grades K-12.
$2.50 plus $2.00 shipping and handling.
Education Department, Kennedy Center.

139 **Imaginations at Work: Kids Invent Theatre.** *Booklet.* Introduction to theater for elementary students. Outlines movement and story; activities introduce such aspects of theater as making sets and scenery, interviewing, lighting, and costumes, makeup, and masks. Adaptable for a variety of spaces and purposes. Provides context for interaction of children, parents, and teachers working and inventing together.

Published 1980, 25 pages.
Grades K-6.
$2.50 plus $2.00 shipping and handling.
Education Department, Kennedy Center.

PERFORMING ARTS

140 **In, Through, and About...: A Collaborative Project of a Performing Arts Center and an Educational Laboratory.** *Booklet.* Suggested ways in which a performing arts center and educators can cooperate in producing arts education workshops for teachers and the general public.

Published 1982, 74 pages.
Grades K-12.
$2.50 plus $2.00 shipping and handling.
Education Department, Kennedy Center.

141 **Once Upon a Real Time: Telling the Stories the Past Tells Us.** *Teaching guide.* September 1992 issue of *Art to Zoo* explaining how to use primary source materials to create a historical story and describing storytelling techniques. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.

Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subcription).
Office of Elementary and Secondary Education.

142 **Performing Together: The Arts and Education.** *Booklet.* Discussion of why the arts are vital to every student's education, what characterizes outstanding school arts programs, and how parents and others can work with schools to provide a sound foundation in the arts.

Published 1985 by Kennedy Center Alliance for Arts Education and American Association of School Administrators, 16 pages.
Grades K-12.
$2.50 plus $2.00 shipping and handling (discount for orders of more than 10 copies).
Education Department, Kennedy Center.

143 **Report of American Delegation to Bilateral Conference for Arts Education, Arts Management, and Cultural Development.** *Report.* Summary of conference papers presented in June 1983 as part of cultural exchange between Austria and the United States. Topics include the history of arts funding in the United States, the roles of government and communities, issues in the arts and education (e.g., museums as adjuncts to schools, role models in theater, educational implications in current child drama research), programs in the arts and arts education (e.g., model programs in music and opera, the status of arts education in urban schools, theater in-services in higher education), and arts education for students with special needs.

Published 1983 by Kennedy Center Education Department with support from College of Education, University of Maryland, College Park, 86 pages.
Grades K-12.
$2.00 plus $2.00 shipping and handling.
Education Department, Kennedy Center.

144 **Building a Family Library.** *Brochure.* Suggestions on building an inexpensive home library and helping children to build their own book collections.
Published 1989.
Grades K-12.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

145 **Children Who Can Read, But Don't....** *Brochure.* Advice for parents on how to encourage reluctant readers ages 9-13 to discover the fun of reading.
Published 1987.
Grades 4-8.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

LANGUAGE ARTS

146 **Choosing Good Books for Your Children.** *Brochure.* List of resources and information that can help parents find appropriate books for their children from infancy to age 12.
Published 1985.
Grades Pre-K-6.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

147 **Encouraging Soon-to-Be Readers.** *Brochure.* Ways to excite preschoolers about books and help them develop skills that lead to reading.
Published 1987.
Grade Pre-K.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

148 **Helping Your Children Become Readers/Como Ayudar a Que Sus Ninos Sean Buenos Lectores.** *Brochure.* Bilingual brochure (English and Spanish) on reading for families whose children are most at risk of growing up without adequate literacy skills.
Published 1989.
Grades K-6.
$5.00 (purchase includes permission to duplicate and distribute unlimited copies, so long as copies are distributed free of charge).
Publications Department, Reading Is Fundamental.

149 **Magazines and Family Reading.** *Brochure.* Brochure on ways that magazines can get the whole family reading more.
Published 1988.
Grades K-12.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

150 **Reading Aloud to Your Children.** *Brochure.* Answers to the why, when, where, what, and how of reading aloud.
Published 1985.
Grades Pre-K-6.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

151 **Reading Is Fun!** *Poster.* Color poster by Maurice Sendak featuring Max and the Wild Things.
23 1/2" x 37" poster, illustrated in color.
Grades K-6.
$10.00.
Publications Department, Reading Is Fundamental.

152 **Reading Is Fun! Tips for Parents of Children Age Birth to 8 Years.** *Booklet.* Suggestions for parents of simple activities to do with children at various ages in order to prepare for and encourage reading.
Published 1983, 16 pages.
Grades Pre-K-3.
$1.00; $30.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

153 **Reading: What's in It for Teenagers?/Teenagers and Reading.** *Brochure.* Perforated two-part brochure for parents and teenagers.
Published 1987.
Grades 7-12.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

154 **The RIF Guide to Encouraging Young Readers.** *Guide.* Suggested activities designed to engage children from infancy to age 11 in the fun of language and reading, edited by Ruth Graves. Includes annotated book list of more than 200 children's books and a resource section listing children's book clubs and magazines, books for parents, and organizations concerned with children's reading and learning.
Published 1987 by Doubleday, 324 pages.
Grades Pre-K-6.
$9.95.
Publications Department, Reading Is Fundamental.

155 **Summertime Reading.** *Brochure.* Recommendations on encouraging children to keep books open after school doors close.
Published 1989.
Grades K-12.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

156 **TV and Reading.** *Brochure.* Suggestions for parents on how to achieve a healthy balance for their children between TV and books.
Published 1985.
Grades Pre-K-12.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

157 **Upbeat and Offbeat Activities to Encourage Reading.** *Brochure.* Proposed projects and activities to help preschoolers and beginning readers build skills.
Published 1985.
Grades Pre-K-3.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

158 **When We Were Young: Favorite Books of RIF Kids, RIF Volunteers, and Readers of Renown.** *List.* List of all-time favorite books from a survey conducted by Reading Is Fundamental to commemorate the Year of the Reader in 1987. Includes personal recommendations and encouragement from some 80 public figures such as Ronald Reagan, Barbara Walters, Erma Bombeck, and Peter Ueberroth.
Published 1987.
Grades K-12.
$1.50; $35.00 per 50 for orders of 50 or more (in multiples of 50).
Publications Department, Reading Is Fundamental.

WRITING

159 **Collecting Their Thoughts: Using Museums as Sources for Student Writing.** *Teaching guide.* Curriculum enrichment materials suggesting ways for teachers to use museums and primary sources to teach writing. Guide provides background essays, lesson plans, activities, handouts, and samples of student writing.
Available May 1993.
Grades 6-12.
No charge.
Office of Elementary and Secondary Education.

160 **Encouraging Young Writers.** *Brochure.* Activities that motivate preschoolers to begin writing and school-age children to write more.
Published 1989.
Grades Pre-K-6.
50 cents; $15.00 per 100 for orders of 100 or more (in multiples of 100).
Publications Department, Reading Is Fundamental.

161 **American Indian Languages.** *Leaflet.* Survey of the origins, history, relationships, and contributions of Native American languages.
3 pages, includes bibliography.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

162 **Anthropological Materials Available from the Smithsonian Institution.** *List.* List of available educational materials relating to anthropology. Items mentioned include resource packets, leaflets on such topics as Egyptian mummies and Vikings in North America, bibliographies covering human evolution and arts and crafts of Northwest Coast Indians and Eskimos, field guides, archival materials, slide sets, filmstrips, photographs, posters, and monographs and other publications in anthropology, ethnology, and archaeology.
Updated periodically, 5 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

SCIENCE

163 **Anthropological Teaching Resources.** *List.* List of materials for teaching anthropology, including sources of books, films, filmstrips, slide sets, artifact sets, fossil reproductions, skull sets, dental castings, and computer software.
6 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

164 **Anthropology.** *Teaching packet.* Resource information covering written material, films, and organizations concerned with such topics as human evolution, archaeology, and ecology. Suggestions for in-class and out-of-class activities such as mother-infant observation and exploring historic cemeteries.
Twenty-eight items include bibliographies.
Grades 9-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

165 **Archaeology.** *Leaflet.* Opportunities for fieldwork and careers in archaeology.
Prepared 1992, 10 pages, includes bibliography.
Grades 9-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

166 **Arctic and Subarctic Ethnology and Archaeology.** *Bibliography.*
Prepared 1988, 12 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

167 **The Aztec "Sun Stone."** *Leaflet.* Interpretation of the Aztec Calendar Stone.
Prepared 1987, 4 pages.
Grades 9-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

168 **Contrasts: Forty Years of Change and Continuity in Puerto Rico, Photographs by Jack Delano/ Contrastes: Cuarenta Anos de Cambio y Continuidad en Puerto Rico, Fotografias de Jack Delano.** *Book.* Exploration in English and Spanish of change in Puerto Rico and the role of photography through 5 essays by leading figures in photography, museum studies, Puerto Rican affairs, and anthropology.
Published 1990, 32 pages, illustrated in two-tone photographs.
Grades 6-12.
$3.50 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

169 **Creationism.** *Teaching packet.* Resource packet covering the issues surrounding creationism and education for teachers and administrators from all disciplines. Includes reprints of articles on the subject by scientists, educators, and others.

Eighteen items include bibliography and article reprints.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

170 **Crossroads of Continents: Cultures of Siberia and Alaska.** *Poster.* Colorful photographic reproduction of a Koniag Eskimo bird mask from the collections of the Museum of Anthropology and Ethnography, Leningrad. The original mask came from Kodiak Island, Alaska, in the 1840s. Mask in the poster can be cut out and worn.

20″ x 20″ poster.

Grades 6-12.

$2.50 plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

SCIENCE

171 **Crossroads of Continents: Cultures of Siberia and Alaska.** *Teaching packet.* Introduction to the North Pacific Rim region (Alaska and Siberia). Interdisciplinary kit (providing teacher's guide booklet, rolled map, videocassette, and student booklets) contains lessons and activities in geography, environments (ecology), cultural anthropology, history, and archaeology. Based on the landmark exhibition *Crossroads of Continents*, it is the only easily accessible, updated information on the region available to classes in social studies, geography, biology, natural history, world cultures, anthropology, and history.

64-page teacher's booklet, four booklets with folded maps for student teams, color illustrated map poster, 32-minute 1/2-inch VHS-format videocassette.

Grades 7-10.

$15.00, plus $5.50 for extra map poster (make check payable to the Smithsonian Institution).

Office of Education, National Museum of Natural History.

172 **Dead Sea Scrolls.** *Bibliography.*

Prepared 1985, 2 pages.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

173 **Ebla to Damascus.** *Poster.* Color reproduction of a photograph of a votive statue of Shibum, a land surveyor, found at Mari (Tell Hariri), Temple of Ishtarat, from the late Early Dynastic period, ca. 2600-2350 B.C. The figure is wearing a kaunakes garment, styled from a woven material that was tufted and/or tasseled to resemble a sheep's fleece.

38″ X 13″ poster.

Grades 6-12.

$5.00 plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

174 **Ebla to Damascus: Art and Archaeology of Ancient Syria.** *Book.* Analysis of the historical and cultural significance of the archaeological sites from which nearly 300 pictured objects are derived. Provides an opportunity to see the major material remains of the prehistoric, ancient, and medieval cultures of Syria. Offers 45 essays and 335 photographs and maps edited by Harvey Weiss.

Published 1985, 544 pages, illustrated.

Grades 6-12.

$27.50 plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

175 **Human Evolution.** *Bibliography.*

Prepared 1990, 9 pages.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

176 **In the Age of Mankind: A Smithsonian Book of Human Evolution.** *Book.* New evidence on the age and complexity of human ancestry by Roger Lewin. Addresses what drove prehumans to the threshold of mankind, why language developed in humans but not in apes, and what forces led to the emergence of consciousness.
Published 1988, 256 pages, illustrated.
Grades 9-12.
$19.95, paperback.
Smithsonian Institution Press.

177 **King Herod's Dream: Caesarea on the Sea.** *Poster.* Color depiction of a mosaic fragment found at Caesarea in Israel, "Spring," ca. 525 C.E.
14" x 34" poster.
Grades 6-12.
$8.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

SCIENCE

178 **Local Archaeology and Indian History of the Washington, D.C., Area.** *List.* Annotated list of museums, organizations, anthropological and archaeological societies, fieldwork opportunities in local archaeology, and professionals involved in local archaeology and Native American history.
Prepared 1992, 13 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

179 **Local Archaeology: District of Columbia, Maryland, and Virginia.** *Resource Packet.* Set of seven items on archaeology and Native American history and culture in the Washington, D.C., area including bibliographies and guides to resources at the Smithsonian and elsewhere.
Includes bibliographies and guides.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

180 **The Maya Calendar.** *Leaflet.* Description of the calendar and counting systems of Mesoamerica.
Prepared 1987, 7 pages, illustrated, includes bibliography.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

181 **Origin of the American Indians.** *Leaflet.* Information on the origins of Native American peoples.
Prepared 1991, 3 pages, includes bibliography.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

182 **Pre-Columbian Settlers: Fact or Fancy?** *Article reprint.* Reprint of 1982 article from *Anthro Notes* refuting pseudoscientific claims that European settlers arrived in the Americas before Columbus.
Published 1982, 6 pages, includes bibliography.
Grades 10-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

183 **The "Red Paint" People.** *Bibliography.* Bibliography on the Maritime Archaic culture popularly known as the "Red Paint" people because of the extensive red ochre found in excavations of their sites from Maine to Labrador.
Prepared 1988, 3 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

184 **Smithsonian Programs.** *Leaflet.* Information about Smithsonian grant, fellowship, and internship programs available to high school, college, graduate, and postgraduate students.
1 page.
Grades 9-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

185 **Summer Fieldwork Opportunities.** *Survey.* Survey of opportunities for teachers and students aged 16 and above to participate in summer fieldwork.
Updated annually, 5 pages.
Grades 10-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

186 **Underwater Archaeology.** *Bibliography.*
Prepared 1985, 2 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

187 **The Vikings in North America.** *Leaflet.* Discussion on the question of Viking presence in the New World before Columbus.
Prepared 1985, 5 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

188 **"Vinland" Revisited, 986-1986.** *Article reprint.* Reprint of 1986 article from Anthro Notes on the Norse discovery of North America, prepared for the millennial celebration of the event.
Published 1986, 4 pages.
Grades 9-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

Astronomy / Space Sciences

189 **Colors of the Universe: A Slide Journey Through the Cosmos.** *Slides and study guide.* Set of color slides demonstrating the different appearance of astronomical objects as seen in different wavebands of the electromagnetic spectrum. Collection includes a detailed study guide describing the scientific significance of the images and linking them to the capabilities of existing and planned ground-based and spaceborne telescopes. Prepared by staff scientists.
175 color slides, 130-page study guide.
Grades 10-12.
$125 (payable by check only to "Smithsonian Institution").
Publications Department, Smithsonian Astrophysical Observatory.

190 **The Dream Is Alive: A Flight of Discovery Aboard the Space Shuttle.** *Book.* Display of startling views of earth in vivid detail and a rare inside-the-orbiter view of daily life on the space shuttle, by Barbara Embury Hehner. Based on the IMAX film, the book also includes astronaut biographies and features on great achievements in space flight.
Published 1991, 64 pages, illustrated.
Grades 4-12.
$14.95, cloth cover.
Smithsonian Institution Press.

191 **The Electronic Sky: Digital Images of the Cosmos.** *Slides and study guide.* Set of color slides of astronomical objects obtained at the Smithsonian's Whipple Observatory with telescopes equipped with electronic detectors known as charge-coupled devices, or CCDs. Images include galaxies, nebulosities, and other deep space objects. Accompanying study guide describes the individual images and how these new detectors have revolutionized optical astronomy. Produced in cooperation with the Smithsonian Astrophysical Observatory, Cambridge, Massachusetts.
40 color slides, 19-page study guide.
Grades 10-12.
$31.00 plus $1.49 shipping and handling.
Office of Printing and Photographic Services.

192 **Multiple Mirror Telescope.** *Poster.* Color depiction of the Smithsonian's unique facility.
Approximately 25" x 25" poster, illustrated in color.
Grades 1-12.
$4.00.
Office of Printing and Photographic Services.

193 **Visions of Einstein: X-ray Images of Space.** *Slides and booklet.* Set of color slides of deep space as seen in X-rays taken during 29 months of observations by the Einstein Satellite. Launched in November 1978, the satellite caught images of supernova remnants, cosmic "bursters," black hole candidates, giant clusters of galaxies, and quasars. Booklet serves as reference tool and teacher's guide. Produced in cooperation with the Smithsonian Astrophysical Observatory, Cambridge, Massachusetts.
Produced 1981, 58 color slides, 32-page booklet.
Grades 10-12.
$36.60 plus $1.49 shipping and handling.
Office of Printing and Photographic Services.

SCIENCE

BOTANY / PLANT LIFE

194 **African Violets.** *Fact sheet.* Information on how to cultivate the African violet, including potential problems and how to solve them.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

195 **Bromeliads.** *Fact sheet.* Descriptive overview of this family of plants, which includes pineapples, Spanish moss, and 2,000 additional species. Covers tips on their cultivation as house plants.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

196 **Chrysanthemums.** *Fact sheet.* Descriptive overview of chrysanthemums, cultivation procedures, and details about the National Chrysanthemum Society.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

197 **Common Winter Berries of the Northeast.** *Poster.* Colorful depiction of winter berries by Sally Bensusen, with authoritative captions to aid in identification.
Produced 1983, 23" x 34" poster.
Grades 5-12.
$10.00.
Smithsonian Institution Press.

198 **Cymbidium Orchids.** *Fact sheet.* Description of this popular orchid, including cultivation details.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

199 **Ferns.** *Fact sheet.* Descriptive overview of ferns, some of the most primitive forms of plant life on earth today. Includes information on indoor cultivation.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

200 **Fields of Grass.** *Booklet.* Discussion of the varied uses of grasses by specialist Emmet J. Judziewicz, including 15 scientific illustrations.
16 pages, illustrated.
Grades 6-12.
$2.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

201 **Fields of Grass.** *Poster.* Full-color reproductions of four scientific illustrations from a popular exhibition with a background "grass" design.
36" x 22" poster.
Grades 6-12.
$5.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

SCIENCE

202 **Grasses.** *Fact sheet.* Descriptive overview of grasses.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

203 **Ivies.** *Fact sheet.* Descriptive overview of these easy-to-grow plants, including cultivating hints.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

204 **National Orchid Collection.** *Fact sheet.* Introduction to the Smithsonian's collection of more than 30,000 species including historic and display hybrids — one of the finest orchid collections in the world.
1 page.
Grades 6-12.
No charge.
Horticulture Services Division.

205 **Orchids.** *Fact sheet.* Descriptive overview of the orchid family with hints for cultivation and information about the Smithsonian's orchid collection of more than 30,000 plants.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

206 **Ornamental Cabbage and Kale.** *Fact sheet.* Description of these attractive plants and hints on cultivating them for landscape use, including potential problems.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

207 **Poinsettias.** *Fact sheet.* Procedures for successfully cultivating this "Christmas" flower, including saving it from year to year.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

208 **Tropicals for Indoor Use.** *Fact sheet.* Information about indoor plants native to tropical regions of the world, including background and history, cultivation requirements, fertilization, repotting, and potential problems.
1 page, front and back, includes bibliography.
Grades 6-12.
No charge.
Horticulture Services Division.

209 **Victorian Gardens: A Horticultural Extravaganza.** *Booklet.* Examination of Victorian gardens by James R. Buckler and Kathryn Meehan. Includes background on American interest in horticulture, horticultural expositions, and the relationship between gardening and the Industrial Revolution, leisure time, and entrepreneurs.

Published 1988, 18 pages, illustrated, includes glossary and bibliography.
Grades 7-12.
$1.50, including postage.
Horticulture Services Division.

General Science / Ecology

SCIENCE

210 **Animal Studies.** *Teaching unit.* Hands-on life science unit in which students learn how to acquire reliable information through observation, experimentation, and research of guppies and tree frogs, and through careful analysis of owl pellets. All materials developed by the National Science Resources Center.

Available spring 1994, following field testing and revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.
Grade 4.
Price to be announced, guide and activity books available separately.
Carolina Biological Supply Co.

211 **Balancing and Weighing.** *Teaching unit.* Hands-on physical science unit in which students are introduced to the concepts of balancing and weighing by making mobiles, balancing objects on a beam, using equal-arm balances and comparing and weighing different objects. All materials developed by the National Science Resources Center.

Available spring 1994, following field testing and revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.
Grade 2.
Price to be announced, guide and activity books available separately.
Carolina Biological Supply Co.

212 **A Better World Starts at Home.** *Poster.* Colorful and informative poster that offers tips for establishing environmentally responsible households and classrooms. Lists many ways to conserve energy and water, reduce the use of chemicals, and reuse and recycle products in the home and classroom. Includes addresses and telephone numbers of 33 national organizations that offer additional information on specific environmental issues.

Grades Pre-K-12.
No charge.
Office of Environmental Awareness.

213 **Blue Planet.** *Book.* Exploration of the fragile balance of life and the forces that shape our home planet by Barbara Embury Hehner. This unique panoramic view of earth, based on the IMAX film, educates young readers about the unnatural processes that are damaging the earth and describes the worldwide efforts to protect and save it.

Published 1992, 64 pages, illustrated.
Grades 4-12.
$17.95, cloth cover.
Smithsonian Institution Press.

214 **Chemical Tests.** *Teaching unit.* Hands-on physical science unit in which students work in cooperative groups to investigate the physical properties of five common household chemicals by performing simple chemical tests. All materials developed by the National Science Resources Center.

Available fall 1993, following revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.
Grade 3.
Price to be announced, guide and activity books available separately.
Carolina Biological Supply Co.

215 **Comparing and Measuring.** *Teaching unit.* Hands-on physical science unit in which students use self-made and commercial measuring devices to quantify lengths, widths, and heights, and to explore volume and capacity. All materials developed by the National Science Resources Center.

Available winter 1993-94, following revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.

Grade 1.

Price to be announced, guide and activity books available separately.

Carolina Biological Supply Co.

216 **Diversity Endangered.** *Poster exhibition.* Colorful set of posters combining scientific text with photographs and artists' renderings to introduce the causes, consequences, and potential solutions to the global loss of biological diversity. Subjects presented range from the variety and interrelation of species to the complex habitats of tropical rainforests, wetlands, and coral reefs. Includes resource and programming guide. Descriptive brochure also available.

15 unmounted 37" x 24" posters, guide booklet, descriptive brochure available.

Grades 6-12.

$300.00, including shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

SCIENCE

217 **Diversity Endangered.** *Videocassette.* Focus on the remarkable variety of land and aquatic environments around the globe, produced by the Smithsonian's Office of Telecommunications. Provides concise introduction to the meaning and importance of biological diversity.

10-minute 1/2-inch VHS-format or 3/4-inch U-matic-format video.

Grades 6-12.

$25.00 (specify format) plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

218 **Ecosystems.** *Teaching unit.* Hands-on life science unit in which students study the interdependence of animals and plants and the complexity of ecological problems as they construct a terrarium and an aquarium. Students experiment with the effects on the ecosystems of overfertilization, excess salt, and acid rain. All materials developed by the National Science Resources Center.

Available fall 1993, following field testing and revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.

Grade 5.

Price to be announced, guide and activity books available separately.

Carolina Biological Supply Co.

219 **Electric Circuits.** *Teaching unit.* Hands-on physical science and technology unit in which students explore the properties of electricity as they construct circuits, use switches, construct flashlights, discover the properties of diodes, and, in a culminating activity, wire a cardboard-box house. All materials developed by the National Science Resources Center.

117-page illustrated teacher's guide, 51-page illustrated student activity book, kit of science materials and equipment.

Grade 4.

$295.00; teacher's guide ($9.95) and activity books ($2.50 each) available separately.

Carolina Biological Supply Co.

220 **Estuarine Dock Activities Guidebook.** *Teaching guide.* Loose-leaf manual on the Chesapeake Bay covering student activities with blue crabs, oyster bar communities, salinity, temperature, turbidity, pH, plankton, weather, tides, and seining. Provides background material and basic principles in estuarine ecology. Designed for use during field trips to the Smithsonian Environmental Research Center, but may be used independently on any shoreline in the Chesapeake Bay area with minimal equipment. Includes teacher and student data sheets, glossary, identification pictures, evaluation form, permission document, and guidelines for field trips.

Prepared 1989, 70 pages, illustrated.

Grades 4-6.

$9.50.

Smithsonian Environmental Research Center.

221 **Experiments with Plants.** *Teaching unit.* Hands-on life science unit in which students learn experimental design by planning and conducting controlled experiments to investigate variables that affect the life, health, and reproductive behavior of the Wisconsin Fast Plant™ (Brassica rapa). All materials developed by the National Science Resources Center.

147-page illustrated teacher's guide, 74-page illustrated student activity book, kit of science materials and equipment.

Grade 6.

$195.00; teacher's guide ($9.95) and activity books ($2.50 each) available separately.

Carolina Biological Supply Co.

222 **Exploring the Chesapeake at the Smithsonian.** *Student workbook.* Student workbook by A. Mark Haddon to be used in conjunction with the teacher handbook (see number 220 above) for the Estuary Chesapeake activity. Includes information, activities, and puzzles on subjects such as Smithsonian environmental research, estuaries, the Chesapeake Bay, watersheds, fish, blue crabs, oyster bar communities, plankton, food webs, weather, water quality, salinity, and other environmental topics.

SCIENCE

Available after April 1993, 45 pages.

Grades 4-6.

No charge for first book, $3.00 each for additional books (plastic binding).

Smithsonian Environmental Research Center.

223 **Floating and Sinking.** *Teaching unit.* Hands-on physical science unit in which students explore the challenging phenomena of floating and sinking by constructing clay and aluminum boats, experimenting with load capacity, constructing hydrometers, and observing buoyant characteristics of liquids other than fresh water. All materials developed by the National Science Resources Center.

Available fall 1993, following field testing and revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.

Grade 4.

Price to be announced, guide and activity books available separately.

Carolina Biological Supply Co.

224 **Food Chemistry.** *Teaching unit.* Hands-on physical science unit in which students conduct chemical tests to detect carbohydrates, fats, and proteins in foods, organize data in a systematic way, read about nutrients and vitamins, and relate what they learn to their own health. All materials developed by the National Science Resources Center.

Available spring 1993, following revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.

Grade 5.

Price to be announced, guide and activity books available separately.

Carolina Biological Supply Co.

225 **It's About Time.** *Teaching unit.* Hands-on earth science unit in which students investigate the science, technology, and history of measuring time by observing the moon's phases, creating and experimenting with water clocks, and constructing and experimenting with a mechanical clock with pendulum and complete escapement mechanism. All materials developed by the National Science Resources Center.

Available summer 1993, following revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.

Grade 6.

Price to be announced, guide and activity books available separately.

Carolina Biological Supply Co.

226 **The Life Cycle of Butterflies.** *Teaching unit.* Hands-on life science unit in which students investigate the life cycle of the Painted Lady butterfly (Vanessa carduis) in an 8-week study of the diverse behavior and characteristics of this organism as it metamorphoses from caterpillar to chrysalis to adult butterfly. All materials developed by the National Science Resources Center.

128-page illustrated teacher's guide, 20-page illustrated student activity book, kit of science materials and equipment.

Grade 2.

$95.00; teacher's guide ($9.95) and activity books ($1.10 each) available separately.

Carolina Biological Supply Co.

227 **Magnets and Motors.** *Teaching unit.* Hands-on physical science and technology unit in which students discover properties of magnets and magnetic properties of electric currents, construct a compass, assemble three increasingly complex electric motors, and apply their knowledge of electricity and magnetism by using an electric generator to light a bulb and to make a motor turn. All materials developed by the National Science Resources Center.

137-page illustrated teacher's guide, 61-page illustrated student activity book, kit of science materials and equipment.

Grade 6.

$295.00; teacher's guide ($9.95) and activity books ($2.50 each) available separately.

Carolina Biological Supply Co.

228 **Microworlds.** *Teaching unit.* Hands-on life science unit in which students discover the properties of lenses and become skilled in making slides and using microscopes as they observe cells, inanimate objects, and living microscopic organisms. All materials developed by the National Science Resources Center.

123-page illustrated teacher's guide, 61-page illustrated student activity book, kit of science materials and equipment.

Grade 5.

$295.00; teacher's guide ($9.95) and activity books ($2.50 each) available separately.

Carolina Biological Supply Co.

229 **National Science Resources Center Elementary Science Resource Collection and Information Database.** *Bibliography.* Annotated database bibliography of more than 3,000 volumes in the collections of the National Science Resources Center. These elementary science resources for teachers include materials developed by national science curriculum projects, school systems, science museums, science-technology centers, and commercial publishers.

Grades K-6.

Accessible through PSI-NET.

National Science Resources Center.

230 **The Naturalist Center.** *Poster.* Color depiction of the Naturalist Center.

Approximately 20 1/2" x 24 1/2" poster, illustrated in color.

Grades K-12.

$3.00.

Office of Printing and Photographic Services.

231 **Organisms.** *Teaching unit.* Hands-on life science unit in which students create and observe (1) a woodland habitat containing loblolly pine seedlings, pillow moss, pill bugs, and bess beetles and (2) a fresh water habitat containing Elodea, Cabomba plants, pond snails, and guppies. All materials developed by the National Science Resources Center.

Available spring 1994, following field testing and revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.

Grade 1.

Price to be announced, guide and activity books available separately.

Carolina Biological Supply Co.

232 **People of the Tropical Rainforest.** *Book.* Exploration of the diversity of tropical forest peoples by internationally recognized experts, edited by Julie Denslow and Christine Padoch. Examines how the future of the world's disappearing tropical rainforests, like their past, is inextricably bound with the people who make their living from them.

Published 1988, 240 pages, illustrated, includes maps.

Grades 6-12.

$19.95 plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

233 **Plant Growth and Development.** *Teaching unit.* Hands-on life science unit in which students use Wisconsin Fast Plants™ to further their conceptual understanding of life cycles by germinating seeds, transplanting seedlings, pollinating flowers, harvesting mature seeds, and determining seed yields. All materials developed by the National Science Resources Center.

141-page illustrated teacher's guide, 50-page illustrated student activity book, kit of science materials and equipment.

Grade 3.

$195.00; teacher's guide ($9.95) and activity books ($2.50 each) available separately.

Carolina Biological Supply Co.

234 **Science Education: A Challenge for Excellence in America's Future.** *Booklet.* Exploration of the opportunities and challenges of American science, math, and engineering education. Discusses motivating students in science, innovative hands-on science education, and assisting young people in pursuing careers in science and math. Based on 1988 conference on new approaches to science teaching and literacy.

Published 1989 by Office of Interdisciplinary Studies and Achievement Rewards for College Scientists (ARCS) Foundation, 32 pages.
Grades 1-12.
No charge.
Neil G. Kotler, Office of Assistant Secretary for External Affairs.

SCIENCE

235 **Science for Children: Resources for Teachers.** *Guide.* National Science Resources Center guide to hands-on science teaching materials from the United States and abroad for elementary school teachers and administrators. Includes materials in life science, health and human biology, earth science, physical science, and multidisciplinary and applied science. Each entry provides descriptions of curriculum materials, suggestions for supplementary resources and sources of information and assistance, and details relating to source, grade levels, ordering, and cost.

Published 1988 by National Academy Press, 176 pages, illustrated.
Grades K-6.
$9.95, $8.50 each for orders of 2-9 copies, $7.95 each for orders of 10 or more copies.
National Academy Press.

236 **Soils.** *Teaching unit.* Hands-on earth science unit in which students explore the properties of different types of soil using sieves and water settling jars. They also investigate soil erosion and study some of the inhabitants of soil. All materials developed by the National Science Resources Center.

Available summer 1994, following field testing and revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.
Grade 2.
Price to be announced, guide and activity books available separately.
Carolina Biological Supply Co.

237 **Sounds.** *Teaching unit.* Hands-on physical science and technology unit in which students use simple materials such as strings, nails, whistles, and membranes to study the readily observable characteristics of sound: vibrations, pitch, and loudness. All materials developed by the National Science Resources Center.

Available winter 1993-94, following final revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.
Grade 3.
Price to be announced, guide and activity books available separately.
Carolina Biological Supply Co.

238 **Strong Enough to Move Boulders, But It Can Float in Air.... What Is It? Water! How Its Properties Shape Our World.** *Teaching guide.* September 1989 issue of *Art to Zoo* on the characteristics of water. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.

Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subcription).
Office of Elementary and Secondary Education.

239 **Tropical Rainforests.** *Teaching guide.* Tabloid highlighting the workings of the rainforest, the adaptations of its animals and plants, their current status and future conservation. Teacher's and student's versions available.

Published 1992, 4-page student's version or 6-page teacher's version, illustrated.
Grades 5-12.
No charge, please specify version.
Smithsonian Tropical Research Institute.

240 **Tropical Rainforests: A Disappearing Treasure.** *Teaching guide.* Teacher's manual and guide for students providing background information about rainforests and conservation-related activities that can be done in the classroom or at home.

Prepared 1989, 80 pages.
Grades 1-12.
$10.00 (10 percent discount to teachers, educational organizations, and libraries) plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

241 **Tropical Rainforests: A Disappearing Treasure.** *Booklet.* Colorful description of the flora, fauna, and peoples of rainforest regions throughout the world, including 44 color photographs and scientifically accurate maps of each region showing rainforest change over time.

Published 1989, 32 pages, illustrated, includes 3 maps.
Grades 6-12.
$5.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

SCIENCE

242 **Tropical Rainforests: A Disappearing Treasure.** *Poster.* Colorful panorama photograph of the rainforest in Sarawak, Malaysia (predominantly green).

12" x 30" poster.
Grades 6-12.
$8.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

243 **Turn About's Fair Play! Mirrors and How They Reflect.** *Teaching guide.* October 1990 issue of *Art to Zoo* concentrating on mirrors, with several hands-on activities. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.

Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subcription).
Office of Elementary and Secondary Education.

244 **Weather and Me.** *Teaching unit.* Hands-on earth science unit in which students are introduced to weather concepts, construct and use a variety of tools to help them learn to read thermometers, estimate wind strength, gauge rainfall, and recognize cloud formations. All materials developed by the National Science Resources Center.

Available winter 1993-94, following revision, illustrated teacher's guide, illustrated student activity book, kit of science materials and equipment.
Grade 1.
Price to be announced, guide and activity books available separately.
Carolina Biological Supply Co.

245 **Wild Ice: Antarctic Journeys.** *Book.* Presentation of the personal reflections of Ron Naveen, Colin Monteath, Tui De Roy, and Mark Jones, four naturalists who together have spent more than 20 years in Antarctica. Includes color photographs. Emphasizes preservation of wildlife and ecosystem.

Published 1990, 224 pages, illustrated.
Grades 9-12.
$35.00, cloth cover.
Smithsonian Institution Press.

GEOLOGY / MINERALS / PALEONTOLOGY

246 **Digging Up Dirt — How Paleontologists Bring Dinosaurs Back to Life.** *Teaching guide.* April 1992 issue of *Art to Zoo* discussing paleontology, fossils, and geologic time. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.

Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subscription).
Office of Elementary and Secondary Education.

247 **Fossils of the Atlantic Coastal Plain.** *Poster.* Illustration of fossils in black and white by Mary Parrish, with authoritative captions to aid in identification.
Produced 1986, 23" x 34" poster.
Grades 5-12.
$10.00.
Smithsonian Institution Press.

248 **Gems and Minerals: The Ultimate Rock Video.** *Videocassette.* Showcase of the collection of more than 10,000 exotic and iridescent gems found in the National Museum of Natural History, including the 45.5 carat Hope Diamond, the Marie Antoinette earrings, and the Navajo meteorite.
45-minute 1/2-inch VHS-format video.
Grades 4-10.
$29.95 (Video No. VGM91).
Video Division, Smithsonian Institution Press.

SCIENCE

249 **Inside Active Volcanoes.** *Poster.* Award-winning poster juxtaposing photographic images of Mount St. Helens and Kilauea with artistic manipulation to convey the excitement of volcanic activity (predominantly black and red with bright blues and yellows).
36" x 23" poster.
Grades 6-12.
$10.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

250 **Inside Hawaiian Volcanoes.** *Videocassette.* Chronicle of the tempestuous volcanic history of this tropical island, narrated by Roger Mudd and full of detailed, informative graphics and live-action footage.
25-minute 1/2-inch VHS-format video.
Grades 5-12.
$19.95 (Video No. VVL91).
Video Division, Smithsonian Institution Press.

251 **Minerals and Gems.** *Book.* Photographs of the gem and mineral specimens in the Smithsonian's collection with expert commentary by the curator in charge of the collection, John Sampson White. This work traces the path of a gemstone from its formation deep within the earth to its faceting at the hands of the lapidary and tells the stories behind such famous pieces as the Hope Diamond and the Spanish Inquisition necklace.
96 pages, illustrated.
Grades 4-12.
$12.99, cloth cover.
Smithsonian Institution Press.

ZOOLOGY / ANIMAL LIFE

252 **American Warblers—1.** *Poster.* Full-color depiction of American warblers by Roger Tory Peterson with authoritative captions to aid in identification.
Produced 1984, 23" x 34" poster.
Grades 5-12.
$10.00.
Smithsonian Institution Press.

253 **Amphibians and Reptiles as Pets.** *Leaflet.* Details of why amphibians and reptiles should not be kept as pets.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

254 **Animal Migration and Navigation.** *Bibliography.*
Prepared 1990, 3 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

255 **Aquaria and Goldfish Culture.** *Bibliography.*
Prepared 1968, 5 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

256 **Arthropods: An Introduction to Insects and Their Relatives.** *Teaching kit.* Introduction to the characteristics of each major class of arthropods (insects, millipedes, centipedes, arachnids, and crustaceans). Discusses features shared as members of the arthropod phylum and portrays survival mechanisms such as camouflage and mimicry. Also explains complete metamorphosis, society living, and molting. Contains slides or filmstrip, teacher's guide, audiocassette, color instructional poster, booklet titled The Insect Zoo, and classroom activities such as a crossword puzzle and worksheets.
57 slides or filmstrip, 25-page teacher's guide, 16-minute audiocassette, poster illustrated in color, 32-page booklet on the insect zoo, classroom activities.
Grades 4-8.
$42.00 plus $1.49 shipping and handling (please specify slides or filmstrip).
Office of Printing and Photographic Services.

SCIENCE

257 **The Bald Eagle: Haunts and Habitats of a Wilderness Monarch.** *Book.* Study of the North American eagle population by Jon M. Gerrard and Gary R. Bortolotti. Includes details about diet, nesting, flight patterns, and development.
Published 1988, 224 pages, illustrated.
Grades 10-12.
$13.95, paperback.
Smithsonian Institution Press.

258 **Bats.** *Pamphlet.* Answers to commonly asked questions about bats, such as where they live, how they fly, and what they eat.
Prepared 1980, 13 pages, includes bibliography.
Grades 1-9.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

259 **The Big Cats and How They Came to Be.** *Film or videocassette plus discussion guide.* Analysis of the evolution of the genus Panthera, which includes lions, tigers, jaguars, and leopards. Examines how predatory animals evolved in response to the type of prey they pursued and the habitats in which they lived. Includes discussion guide.
Produced 1986 by Office of Telecommunications, 9-minute color 16mm film, or 1/2-inch Beta- or VHS-format video, or 3/4-inch formats, discussion guide.
Grades 7-12.
$275.00 for film, $195.00 for video (specify format).
Pyramid Film and Video.

260 **Birds.** *Bibliography.*
Prepared 1987, 21 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

261 **Blue Whale.** *Leaflet.* Natural history of the blue whale, including descriptions of its anatomy and its relationship with humans.
Prepared 1964, reprinted 1971, 4 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

262 **Butterflies and Their Flowers.** *Poster.* Full-color illustration by Biruta Hansen depicting butterflies and the flowering plants they feed upon, with authoritative captions to aid in identification.
Produced 1987, 23" x 35" poster.
Grades 5-12.
$10.00.
Smithsonian Institution Press.

263 **Careers in Biology, Conservation, and Oceanography.** *Bibliography and list of sources.*
Prepared 1991, 13 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

264 **Crane Music: A Natural History of American Cranes.** *Book.* Focus on the sandhill and whooping cranes by Paul A. Johnsgard. Includes description of the birds' role in human mythology, their yearly migration, and wonderful "dancing."
Published 1991, 144 pages, illustrated.
Grades 9-12.
$19.95, cloth cover.
Smithsonian Institution Press.

SCIENCE

265 **Creatures: Great and Small.** *Videocassette.* Examination of the behemoth and miniature menageries that mark both ends of the zoological spectrum with narration by James Whitmore and James Earl Jones. Focus ranges from 50-ton dinosaurs with 8-foot-long skulls to microscopic insects.
63-minute 1/2-inch VHS-format video.
Grades 4-10.
$29.95 (Video No. VCR91).
Video Division, Smithsonian Institution Press.

266 **Drawn from the Sea: Art in the Service of Ichthyology.** *Poster.* Colorful depiction of 11 scientific illustrations of fresh and saltwater fish from the collections of the Smithsonian's National Museum of Natural History on a cream background.
36" x 24" poster.
Grades 6-12.
$10.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

267 **Elephants.** *Bibliography.*
Prepared 1992, 3 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

268 **Endangered, Threatened, and Recently Extinct Vertebrates.** *Bibliography and source booklet.*
Prepared 1991, 43 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

269 **Famous Horses.** *Leaflet.* Description of well-known horses that are in the Smithsonian research collection, on exhibit, or displayed at other museums.
Prepared 1980, 5 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

270 **Fishes of the United States.** *Bibliography.*
Prepared 1977, updated 1983, 21 pages plus 2-page supplement.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

271 **Fishes: General.** *Bibliography.*
Prepared 1972, 4 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

272 **Giant Panda.** *Bibliography.*
Prepared 1989, 2 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

273 **Harrier, Hawk of the Marshes: The Hawk That Is Ruled by a Mouse.** *Book.* Description of the biology and natural history of the harrier by Frances Hamerstrom with foreword by Roger Tory Peterson.
Published 1986, 172 pages, illustrated.
Grades 10-12.
$13.95, paperback.
Smithsonian Institution Press.

274 **Horses.** *Leaflet.* Information on horses from their fossil history to their modern anatomy, breeds, and domestication.
Prepared 1978, 6 pages, includes bibliography.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

275 **The Insect Zoo.** *Booklet.* Information on the Insect Zoo at the National Museum of Natural History with descriptions of arthropod classes, including material on habitats, evolution, reproduction, "camouflage" and other adaptations, and habits and communities.
32 pages, illustrated, includes charts, diagrams, bibliography.
Grades K-12.
$2.00.
Museum Shop, National Museum of Natural History.

276 **Loch Ness Monster.** *Bibliography.*
Prepared 1988, 3 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

277 **Looking for Insects.** *Leaflet.* Guidelines on collecting live insects, including techniques and instructions on caring for a variety of insect pets. Lists biological supply houses and live specimens sought by the Insect Zoo at the National Museum of Natural History.
9 pages.
Grades K-12.
No charge.
Insect Zoo, National Museum of Natural History.

278 **The Magnificent Whales.** *Videocassette.* Footage of more than 20 species of whales and dolphins, photographed in their natural habitats. Subjects are seen on their mighty dives, delivering their whalesongs, and nurturing their young.
60-minute 1/2-inch VHS-format video.
Grades 5-12.
$32.97 (Video No. VMW91).
Video Division, Smithsonian Institution Press.

279 **The National Zoo.** *Videocassette.* Behind-the-scenes look at the National Zoological Park featuring shots of such rare species as the golden lion tamarin monkey and the ever-popular Chinese giant pandas. Reveals that the zoo is an engaging showcase and research center for a myriad of creatures.
59-minute 1/2-inch VHS-format video.
Grades 4-10.
$29.95 (Video No. VNZ91).
Video Division, Smithsonian Institution Press.

280 **The North American Porcupine.** *Book.* Description of the biology and natural history of the porcupine by Uldis Roze.
Published 1989, 224 pages, illustrated.
Grades 10-12.
$19.95, paperback.
Smithsonian Institution Press.

281 **The Passenger Pigeon.** *Leaflet.* History of the passenger pigeon. Tells the story of how the passenger pigeon became extinct.
Prepared 1971, 6 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

282 **Primate Behavior.** *Curriculum manual.* Introduction to methods of primate behavior research at a zoo. Emphasis is on relationships between anatomy, locomotion, and exhibit design.
Prepared 1989, 51 pages.
Grades 7-12.
$7.00.
Office of Education, National Zoological Park.

SCIENCE

283 **The Problem of Caring for Wild Birds.** *Leaflet.* Description of laws that protect wild birds and guidelines on how to care for them if you have a permit.
Prepared 1975, 4 pages.
Grades 6-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

284 **Red Fox: The Catlike Canine.** *Book.* Description of the biology, behavior, and natural history of the red fox by J. David Henry.
Published 1986, 176 pages, illustrated.
Grades 10-12.
$28.00, cloth cover.
Smithsonian Institution Press.

285 **Reptiles and Amphibians.** *Bibliography.*
Prepared 1990, 20 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

286 **Reviled and Revered: Toads, Turtles, Snakes, Salamanders, and Other Creepers and Crawlers.** *Teaching guide.* December 1992 issue of *Art to Zoo* looking at herps (reptiles and amphibians). *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.
Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subscription).
Office of Elementary and Secondary Education.

287 **Seals, Sea Lions, and Walruses.** *Bibliography.*
Prepared 1988, 34 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

288 **Shark Attack File.** *Fact sheet.*
Prepared 1990.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

289 **Sharks.** *Bibliography.*
Prepared 1992, 10 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

290 **The Sirenia: Dugong, Manatee, Steller's Sea Cow, and Relatives.** *Bibliography.*
Prepared 1989, 17 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

291 **Smithsonian Chart of Animal Evolution.** *Poster.* Wall chart accurately and thoroughly showing the probable relationships among animal groups. Absolute scale of geological time indicates major evolutionary and geological events, while logarithmic time scale details more recent events.
27" x 39-3/8" poster.
Grades 4-12.
$12.00.
Smithsonian Institution Press.

SCIENCE

292 **Smithsonian's New Zoo.** *Book.* Exploration of the zoo by Jake Page that takes the reader behind the cages and beyond. Uses anecdotes and facts to show how the zoo has become one of the few places in the world where understanding our fellow creatures is pursued at all levels.
Published 1990, 208 pages, illustrated.
Grades 6-12.
$29.95, cloth cover.
Smithsonian Institution Press.

293 **Thread of Life: The Smithsonian Looks at Evolution.** *Book.* Comprehensive account of the evolution of life by Roger Lewin. Describes hundreds of creatures and diverse environments and observes how modern discoveries are modifying older theories.
Published 1982, 256 pages, illustrated.
Grades 9-12.
$19.95, paperback.
Smithsonian Institution Press.

294 **Turtles of the World.** *Book.* The first modern reference book on turtles covering the biology and classification of all 257 species, by Carl H. Ernst and Roger W. Barbour.
Published 1989, 290 pages, illustrated.
Grades 9-12.
$24.95, paperback.
Smithsonian Institution Press.

295 **Venomous Reptiles of North America.** *Book.* Up-to-date and definitive natural history of all venomous reptiles north of Mexico by Carl H. Ernst. Provides the first comprehensive survey of these species in 30 years.
Published 1992, 248 pages, illustrated.
Grades 10-12.
$35.00, cloth cover.
Smithsonian Institution Press.

296 **Whales, Dolphins, Porpoises, and Whaling.** *Bibliography and list of sources of information.*
Prepared 1992, 55 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

297 **Wildlife Pictures.** *List of sources.*
Prepared 1985, updated 1991, 11 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

298 **Wolves.** *Bibliography.*
Prepared 1992, 4 pages.
Grades K-12.
No charge.
Department of Vertebrate Zoology, National Museum of Natural History.

299 **The World's Whales: The Complete Illustrated Guide.** *Book.* Guide to the 76 species of cetaceans by Stanley M. Minasian, Kenneth C. Balcomb III, and Larry Foster. Illustrated largely with photographs.
Published 1984, 224 pages, illustrated.
Grades 9-12.
$35.00, cloth cover.
Smithsonian Institution Press.

300 **Zoo Design.** *Curriculum manual.* Explanation of how exhibits are designed to meet the needs of the animals, the keepers, and the visitors. Students can use the criteria provided to evaluate actual exhibits on zoo grounds.
Prepared 1989, 27 pages.
Grades 7-12.
$7.00.
Office of Education, National Zoological Park.

Social Studies

301 **Zoo Observation Training.** *Curriculum manual.* Introduction to techniques involved in animal behavior research at a zoo. Activities include choosing a subject, forming a question, and collecting and analyzing data.
Prepared 1988, 77 pages.
Grades 7-12.
$7.00.
Office of Education, National Zoological Park.

African-American Studies

302 **African American Foods and Medicines.** *Poster.* One in Plant Pioneers series produced with National Zoological Park, poster features color painting and botanical drawings of four plants.
Grades K-12.
$6.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

303 **African-American Art Resources in the Washington, D.C.-Area: A Guide for Teachers.** *Guide.* Information on resources, programs, teacher services, transportation, and facilities relating to African-American art in and around Washington, D.C.
Grades Pre-K-12.
No charge.
Office of Elementary and Secondary Education.

304 **African-American Artists, 1880-1987.** *Poster.* Colorful reprint of Lois Mailou Jones' 1950 painting, "The Lovers (Somali Friends)."
24" x 36" poster.
Grades 6-12.
$10.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

305 **African-American Artists, 1880-1987, Selections from the Evans-Tibbs Collection.** *Book.* Selection of 71 oil paintings, watercolors, and drawings from a private collection. This volume by Guy C. McElroy and others provides an opportunity to observe the development of African-American art and artists during a period of turbulent historical and cultural change.
Published 1989, 126 pages, illustrated.
Grades 6-12.
$19.95 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

306 **Afro-American Art: 20th-Century Selections.** *Brochure.* Examination of the work of 12 African-American artists who triumphed over discrimination and limited opportunities for training, patronage, and exhibitions to make significant contributions to America's cultural heritage. Artists include Henry Ossawa Tanner, Palmer Hayden, and Jacob Lawrence.
Published 1986, 13 pages.
Grades 5-12.
No charge.
Office of Educational Programs, National Museum of American Art.

307 **Afro-Americans and the Evolution of a Living Constitution.** *Audiocassettes.* Highlights of a March 1988 symposium in which leading constitutional scholars, historians, and jurists such as Judge A. Leon Higginbotham, Jr., John Hope Franklin, Mary Frances Berry, and others, examine the role of African Americans in shaping the Constitution and the influence of the civil rights movement on constitutional development. Narrated by Eddie N. Williams, president of the Joint Center for Interdisciplinary Studies.
Produced 1989 by Office of Interdisciplinary Studies, 4 60-minute audiocassettes.
Grades 10-12.
$24.95.
Radio America.

308 **Afro-Americans and the Evolution of a Living Constitution: Conference Program and Summary.** *Report.* Summary report of March 1988 symposium on the role of African Americans in shaping U.S. constitutional history and development. Summarizes papers and panel discussions of constitutional scholars, historians, jurists, and public figures, including Judge A. Leon Higginbotham, Jr., Representatives George W. Crockett, Jr., and Don Edwards, and professors John Hope Franklin, Mary Frances Berry, Derrick Bell, and others. Includes insights into the civil rights era, voting rights, and the role of black lawyers in court litigation. The role of Native Americans and women in constitutional change is also addressed.
Published 1988, 76 pages, illustrated.
Grades 10-12.
No charge.
Neil G. Kotler, Office of Assistant Secretary for External Affairs.

309 **Art Resources.** *Reference list.* List of museums and galleries in Washington, D.C., that feature exhibitions, books, and posters on African-American art.
Grades K-12.
No charge.
Education Department, Anacostia Museum.

310 **Benjamin O. Davis, Jr.: American.** *Videocassette.* Story of General Davis, commander of the Tuskeegee Airmen during World War II, and first African-American general in the United States Air Force, featuring highlights from his Lindbergh Lecture, given at the National Air and Space Museum.
60-minute 1/2-inch VHS-format video.
Grades 10-12.
$19.95 (Video No. VBD91).
Video Division, Smithsonian Institution Press.

311 **Black American Culture and Scholarship: Contemporary Issues.** *Report.* Proceedings, edited by Bernice Johnson Reagon, of fall 1976 cross-disciplinary conference assessing the state of research, study, teaching, and applied programs in African-American culture. Papers in three areas: research, analysis, and writing; ideology of public policy; and applied research and scholarship.
Published 1985, 148 pages.
Grades 9-12.
$1.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

312 **Black History Sites.** *Tour guide.* Annotated list of African-American historical sites in Washington, D.C. Includes addresses and phone numbers and guide for a "windshield tour."
Updated annually, 7 pages.
Grades K-12.
No charge.
Education Department, Anacostia Museum.

313 **Black Women: Achievements Against the Odds.** *Poster exhibition.* New illustrations and archival photographs documenting 200 years of achievements of 110 African-American women in 16 subject areas including civil rights, religion, literature, government, and science. Set of 20 posters includes resource booklet with film list and program suggestions. Descriptive brochure also available.

20 unmounted, 36″ x 24″ posters, illustrated in two colors, booklet, includes bibliography.

Grades 6-12.

$200.00 includes shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

Social Studies

314 **Climbing Jacob's Ladder: The Rise of Black Churches in Eastern American Cities, 1740-1877.** *Booklet.* Historical overview (with 19 illustrations) of the role of the African-American church in the development of African-American communities.

Published 1990, 12 pages, illustrated.

Grades 6-12.

$3.00 plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

315 **Field to Factory I.** *Poster.* Color photograph of African-American woman migrating with her family, with overlays. Commemorates the migration of African-Americans from the American South to the North, 1915-40.

Grades 6-12.

$6.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

316 **Field to Factory II.** *Poster.* Color reproduction of *The Migration of the Negro,* a painting by Jacob Lawrence depicting the African-American migration from the American South to the North, 1915-40.

Grades 6-12.

$8.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

317 **Field to Factory: Afro-American Migration, 1915-1940.** *Book.* Spencer R. Crew's treatment of the migration of African Americans from the rural South to the urban North in the early years of the 20th century. Explores life on the farm, schoolwork, church, family life, the journey northward, housing, discrimination, education, politics, and the integration of blacks and whites in the cities of the North.

Published 1987, 79 pages, illustrated.

Grades 6-12.

$6.95 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

318 **Field to Factory: Afro-American Migration, 1915-1940.** *Brochure.* Large-print publication for visually impaired readers that describes the historic 20th-century movement of African Americans out of the rural South in search of expanded opportunities in Northern cities.

18 pages, illustrated.

Grades 6-12.

No charge.

Publications Division, National Museum of American History.

319 **Field to Factory: Afro-American Migration, 1915-1940.** *Poster.* Reproduction of a Library of Congress photograph of a family by its car on the road north to establish a new life.

24″ x 18″ poster, illustrated in two tones.

Grades 6-12.

$5.00 plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

320 **Harlem, Photographs by Aaron Siskind, 1932-1940.** *Book.* Siskind's moving portraits of Harlem's poor.

Published 1991, 80 pages, illustrated.

Grades 9-12.

$14.95, paperback.

Smithsonian Institution Press.

321 **Learning About Folklife: The U.S. Virgin Islands & Senegal.** *Teaching packet.* Educational kit concentrating on the folklife of the U.S. Virgin Islands and Senegal. Contains four-part videocassette, maps, photographs, audiocassettes, line illustrations, and a teacher's guide. Teacher's guide provides preparation information, objectives and teaching strategies for each lesson, student discussion questions, activity sheets, and ideas for follow-up on each lesson. Kit also includes three publications: the 1990 Festival of American Folklife program book, *Folklife and Fieldwork*, and *American Folklife: A Commonwealth of Culture*, the latter two published by the American Folklife Center.

Published 1992, four-part 1/2-inch VHS-format video, maps, photographs, audiocassettes, line illustrations, teacher's guide, the 1990 Festival of American Folklife program book, *Folklife and Fieldwork*, and *American Folklife: A Commonwealth of Culture.*

Grades 6-12.

$50.00.

Center for Folklife Programs and Cultural Studies.

322 **Offerings.** *Videocassette.* Exploration of African-American history as it relates to the mainstream of American history. Reflects work of Black Heritage Society in creating 1984 exhibit *Creative Survival* in Philadelphia. Exhibit celebrated ways in which African Americans survived and prospered during the 19th century in Providence, Rhode Island.

54-minute 1/2-inch VHS-format video.

Grades 10-12.

$39.95 including postage and handling; request full information.

Office of Museum Programs.

323 **The Real McCoy: African-American Invention and Innovation, 1619-1930.** *Book.* Examination of the introduction of African culture into the American colonies by Portia James. Discussion of the influence of inventions and creations by African Americans on the development of American life as a whole.

Published 1989, 100 pages, illustrated.

Grades 7-12.

$17.50, paperback.

Smithsonian Institution Press.

324 **Sharing Traditions: Five Black Artists in Nineteenth-Century America.** *Educational packet.* Focus on Joshua Johnson, Robert Scott Duncanson, Edward Mitchell Bannister, Edmonia Lewis, and Henry Ossawa Tanner. Includes five color reproductions, biographical and archival information, and study guide.

Prepared 1985, 5 reproductions, illustrated in color, 16-page study guide, includes bibliography.

Grades 7-12.

$5.00 (10 percent discount to teachers, educational organizations, and libraries) plus $3.00 shipping and handling.

Smithsonian Institution Traveling Exhibition Service.

325 **Soldier of the Cross: Richard Allen and the Founding of the African Methodist Episcopal Church.** *Audiocassette.* Story of the African-American community in Philadelphia in the late 1700s and early 1800s and of the founding of the AME Church. Chronicled through the words of the Reverend Richard Allen and the songs of his congregation. Also examines the cultural climate and social and moral issues that challenged the African-American community and the new nation. Presents six early AME hymns, program notes, bibliography, and hymn texts.

Prepared 1989, 60-minute audiocassette.

Grades 9-12.

$8.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

326 **The Throne of the Third Heaven of the Nations' Millennium General Assembly.** *Brochure.* Examination of this spectacular sculpture that is on view at the National Museum of American Art. The work, featuring 177 glittering objects sheathed in aluminum and gold foil, was created by the untrained African-American artist James Hampton as a vehicle for religious renewal and teaching. Critics have called the sculpture "(possibly) the finest work of visionary religious art produced in America."

Published 1976, 10 pages.

Grades 5-12; appropriate for art and social studies classes.

No charge.

Office of Educational Programs, National Museum of American Art.

327 **Uncommon Ground: Archaeology and Early African America, 1650-1800.** *Book.* Exploration by Leland Ferguson of African-American heritage as understood through archaeological artifacts and folklore along the south Atlantic coast.

Published 1992, 252 pages, illustrated.
Grades 10-12.
$35.00 in cloth cover, $14.95 in paperback.
Smithsonian Institution Press.

328 **Voices of the Civil Rights Movement: Black American Freedom Songs, 1960-1966.** *LPs plus booklet.* Collection of 43 songs, many recorded in the heat of historic events, selected by Bernice Johnson Reagon, one of the original SNCC Freedom Singers and author of the accompanying booklet. Includes *I'm on My Way, We'll Never Turn Back,* and *We Shall Overcome.*

3 LPs, booklet.
Grades 6-12.
$22.50; credit card orders by phone.
Smithsonian Books and Recordings.

AMERICAN COMMERCIAL AND INDUSTRIAL HISTORY / AVIATION

329 **300 Years of American Papermaking.** *Exhibition catalogue.* Celebration of the men and women who by hand and machine have created a commodity essential to modern life.

31 pages, illustrated.
Grades 9-12.
$4.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

330 **Carbons to Computers: The Changing American Office.** *Teaching kit.* Curriculum enrichment materials exploring the relationship between technological change and cultural values as reflected in the American office, 1830 to the present. Contains background essays with illustrations, teaching guide with suggested activities, and photographs.

Published 1989, 28-page illustrated booklet, teacher's guide, 15 study photographs, bibliography.
Grades 7-12.
No charge.
Office of Elementary and Secondary Education.

331 **Cutting a Fashionable Fit: Dressmakers' Drafting Systems in the United States.** *Book.* Claudia B. Kidwell's discussion of dressmakers' drafting systems as the basis for the sizing system of ready-made clothing. Traces the development of simpler fashions as encouraged by the widespread acceptance of ready-made clothes and the use of paper patterns by dressmakers and homemakers.

Published 1979, 163 pages, illustrated.
Grades 6-12.
$3.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

332 **Engines of Change.** *Poster.* Color reproduction of *The Gun Foundry,* a painting by John Ferguson Weir representing the American Industrial Revolution, 1790-1860.

Grades 6-12.
$6.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

333 **Engines of Change.** *Book.* Steven Lubar's chronicle of the Industrial Revolution in America, 1790-1860. Includes histories of the innovations that survive that period.

Published 1986, 69 pages, illustrated.
Grades 6-12.
$6.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

334 **The Flying Machines.** *Videocassette.* Documentary on aviation history including footage of early flights of the Wright Brothers, festive celebrations of Charles Lindbergh's transatlantic journey, and a spectacular view from space, courtesy of the space shuttle.

61-minute 1/2-inch VHS-format video.

Grades 6-12.

$29.95 (Video No. VFM91).

Video Division, Smithsonian Institution Press.

335 **Frontiers of Flight.** *Book.* Companion volume by Jeffrey L. Ethell to the Discovery Channel series presenting milestones in the history of flight. Features more than two dozen of the most important aircraft in the National Air and Space Museum with stories about the men and women who built and flew them.

Published 1992, illustrated.

Grades 6-12.

$34.96; credit card orders by phone.

Smithsonian Books and Recordings.

336 **In the Playtime of Others: Child Labor in the Early 20th Century.** *Teaching guide.* December 1988 issue of *Art to Zoo* looking at child labor in the United States. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.

Published quarterly, 8 pages, includes bibliography.

Grades 3-8.

No charge (write to OESE for free subcription).

Office of Elementary and Secondary Education.

337 **John Deere.** *Poster.* Color illustration of 1924 John Deere Model D farm tractor in the collection of the National Museum of American History. Red barn in background.

Grades K-12.

$9.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

338 **The Men and Machines of American Journalism: A Pictorial Essay from the Henry R. Luce Hall of News Reporting.** *Book.* Peter Marzio's exploration of news as the product of both men and machines. Explains how American technological innovation and fluid social structures created a news tradition forever seeking new forms, new audiences, and new powers.

Published 1973, 144 pages, illustrated.

Grades 6-12.

$2.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

339 **Textiles.** *Slides, audiocassette, and text.* Survey of textile production from home manufacture to professional weavers and early textile mills. National Gallery of Art Catalogue No. 029.

18 slides, 25-minute audiocassette, and text.

Grades K-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

340 **Waterloo Boy.** *Poster.* Color illustration of 1918 Model N tractor, a "workhorse" of the American farm.

Grades K-12.

$9.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

341 **What Makes Time Tick, or Has The Industrial Revolution Really Made Clocks Go Faster?** *Teaching guide.* April 1991 issue of *Art to Zoo* looking at changing perceptions of time over three centuries. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.
Published quarterly, 8 pages, includes bibliography.
Grades 3-8.
No charge (write to OESE for free subcription).
Office of Elementary and Secondary Education.

American Cultural and Social History

Social Studies

342 **American Clocks: Highlights from the Collection.** *Book.* Descriptions of 20 clocks, most from the 19th century, in the collections of the National Museum of American History. Includes clocks used in the home and in industry, navigation, railroading, and astronomy.
Published 1990, 50 pages, illustrated.
Grades 6-12.
$8.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

343 **American Encounters.** *Book.* Catalogue accompanying the Quincentenary exhibition mounted by the National Museum of American History. Explores the intersections of three cultures—American Indian, Spanish, and Anglo-American—in the northern Rio Grande Valley of New Mexico from the time of Columbus to the present. Also considers the implications of that encounter for communities today.
87 pages, illustrated.
Grades 5-12.
$8.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

344 **American Encounters.** *Poster.* Dramatic silhouette of adobe building set against deep blue New Mexico sky. Created for National Museum of American History's Quincentenary exhibition of the same name.
Grades 5-12.
$8.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

345 **American Motor Racing: Richard Petty Car.** *Poster.* Color picture of Petty's racing car.
Approximately 25" x 30" poster, illustrated in color.
Grades K-12.
$10.00.
Office of Printing and Photographic Services.

346 **American Motorcycles, 1900-1940.** *Poster.* Color illustration of a young man riding a Harley-Davidson motorcycle.
Grades 6-12.
$8.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

347 **American Patent Models.** *Poster.* Colorful depiction of patented items, including a sewing machine, an improved horse rake, a creeping baby doll, and other objects on display at the National Museum of American History.
Grades 6-12.
$6.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

348 **American Quilts.** *Book.* Full-color photographs of the quilts in the Smithsonian's collection. Includes commentary by Smithsonian curator Doris M. Bowman and brief section explaining each quilt's materials and stitching techniques.
96 pages, illustrated.
Grades 4-12.
$12.99, cloth cover.
Smithsonian Institution Press.

349 **Band Music in American Life: A Social History, 1850-1990.** *Teaching kit.* Multimedia portfolio following the great band movement from its heyday in the 19th century to its decline in the 1920s and its renewal in cultural and ethnic groups today. Portfolio, developed by Smithsonian Office of Elementary and Secondary Education, contains background essays, reproductions of primary sources, audiocassette, poster, and teacher's guide.

Published 1992 by Golden Owl Publishing Company, 6 comprehensive essays, 12 printed documents, 15 audio-documents on audiocassette, illustrated poster, teacher's guide, and select bibliography.

Grades 7-12.

$28.95.

Jackdaw Publications

350 **Blues in America: A Social History.** *Teaching kit.* Multimedia portfolio tracing this art form from the Mississippi Delta to its immense global popularity today. Kit examines regional styles, rural and urban development, and contributions by women. Portfolio, developed by Smithsonian Office of Elementary and Secondary Education, contains background essays, reproductions of primary sources, audiocassette, and teacher's guide.

Published 1993 by Golden Owl Publishing Company, 4 comprehensive essays, 11 printed documents, 11 audio-documents on audiocassette, illustrated posters, teacher's guide, and select bibliography.

Grades 7-12.

$28.95.

Jackdaw Publications

351 **The Boy and His Press.** *Exhibition catalogue.* Investigation of the late-19th-century rage among American boys and young men—including young Jesse Grant in the White House—to acquire some form of printing press and set up shop as amateur publishers and entrepreneurs.

30 pages, illustrated.

Grades 6-12.

$3.95 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

352 **Children's Activity Book.** *Book.* Activity book based on the New Mexico program at the 1992 Festival of American Folklife containing a variety of activities from building adobe architecture, tinworking, and preparing special foods to designing Native American pottery and Rio Grande blankets.

Published 1992.

Grades K-6.

$2.00.

Center for Folklife Programs and Cultural Studies.

353 **Costume.** *Slides, audiocassette, and text.* Samples of fashions in women's dress from the late 18th century through the Victorian era. Also includes articles of clothing used by men and children. National Gallery of Art Catalogue No. 028.

27 slides, 20-minute audiocassette, and text.

Grades K-12.

Available on loan, with borrower paying return postage; request full information in Extension Programs catalogue.

Department of Education Resources, National Gallery of Art.

354 **Cultural Reporter Handbook.** *Teaching guide.* Assistance for teachers and students in becoming Cultural Reporters on the state and substance of their communities, activities that will help them understand their past and present in order to responsibly shape their future. An educational outreach project developed in 1991 in conjunction with *American Encounters Quincentenary* exhibition of the National Museum of American History.

Being prepared at time of resource guide publication.

Grades K-12.

Price undetermined; ask to be placed on mailing list for information.

Publications Division, National Museum of American History.

355 **The Dolls' House.** *Booklet.* Faith Bradford's presentation of an artist's dolls' house interpretation of the household life of the early 1900s. Includes illustrations and descriptions of rooms and their inhabitants.
Published 1977, 32 pages, illustrated.
Grades K-12.
$1.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

356 **Duke Ellington.** *Poster.* Color illustration showing Ellington's profile, made from *Meditation,* a linoleum print by Peter Bodge, 1987.
Grades K-12.
$6.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

Social Studies

357 **Everyday Life in the American Past: 1780-1800.** *Slides plus booklet.* Set of slides with accompanying booklet highlighting artifacts and re-created rooms indicative of lifestyles in the early years of the nation, based on the National Museum of American History exhibition, *After the Revolution: Everyday Life in America, 1780-1800.* Useful as classroom supplement.
18 slides, 21-page booklet.
Grades 6-8.
$6.95 plus $1.49 shipping and handling.
Office of Printing and Photographic Services.

358 **Family Folklore Interviewing Guide and Questionnaire.** *Booklet.* Guide to collecting family folklore, including background information on the importance of recording it, details on techniques and presentation, and a sample questionnaire.
Published 1977, 16 pages, illustrated.
Grades 5-12.
$1.75 (10 percent discount to teachers, educational organizations, and libraries) plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

359 **Folklore and Folklife: Teacher's Manual.** *Teaching materials.* Collection of short articles and activity guides on various aspects of traditional culture. Based on research done to produce the Festival of American Folklife.
Published 1980, 43 pages.
Grades 9-12.
$3.00.
Center for Folklife Programs and Cultural Studies.

360 **The Grand Generation.** *Poster.* Reproduction of a duotone photograph by Doris Ulmann, "Mrs. Lucy Lakes, Berea, KY," a close-up showing skilled hands caning a chair.
21" x 14" poster.
Grades 6-12.
$5.00 plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

361 **The Grand Generation: Interviewing Guide and Questionnaire.** *Booklet.* Guidelines for collecting folklore and oral history from older tradition-bearers written by Marjorie Hunt, Mary Hufford, and Steven Zeitlin. Includes a general guide to conducting interviews, a list of sample questions, and examples of ways to preserve and present findings.
Published 1987, 16 pages, illustrated.
Grades 6-12.
$1.50 (10 percent discount to teachers, educational organizations, and libraries) plus $3.00 shipping and handling.
Smithsonian Institution Traveling Exhibition Service.

362 **Icons of Invention: American Patent Models.** *Book.* Description of the tremendous burst of creativity and inventiveness that accompanied the beginnings of the U.S. Patent Office in the 19th century. More than 100 patent models of many varied inventions used as illustrations.
74 pages, illustrated.
Grades 9-12.
$8.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

363 **Jewelry.** *Slides.* Set of slides from the National Museum of Natural History.
5 slides.
Grades K-12.
$2.50.
Office of Printing and Photographic Services.

364 **A Material World.** *Poster.* Colorful collage of a woman "drowning" in a sea of household appliances shows changes in American society resulting from new materials such as plastics.
Grades 6-12.
$5.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

365 **A Material World.** *Book.* Robert Friedel's exploration of changes in American society that have reflected, and resulted from, changes in the materials used to make various products. Emphasizes development of plastics and other "artificial" materials and their impact.
Published 1988, 64 pages, illustrated.
Grades 6-12.
$6.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

366 **Men and Women: A History of Costume, Gender, and Power.** *Poster.* Colorful photographic montage of images.
Grades 6-12.
$3.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

367 **Men and Women: A History of Costume, Gender, and Power.** *Book.* Review by Barbara Clark Smith and Kathy Peiss of costume and fashion in the United States. Explores how clothing and fashion influence and are influenced by changing (and unchanging) standards of appearance and behavior for men and women.
Published 1989, 80 pages, illustrated.
Grades 6-12.
$6.95 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

368 **Official Images: New Deal Photography.** *Book.* Illuminating portrayal of the New Deal era by Pete Daniel, Merry A. Foresta, Maren Stange, and Sally Stein.
Published 1987, 208 pages, illustrated.
Grades 9-12.
$24.95, paperback.
Smithsonian Institution Press.

369 **Ornament in the 20th Century: Beatles' Rolls Royce.** *Poster.* Picture of the Beatles' Rolls Royce.
Approximately 19" x 36" poster, illustrated in color.
Grades K-12.
$4.00.
Office of Printing and Photographic Services.

370 **Puerto Rico Mio: Four Decades of Change, in Photographs.** *Book.* Collection of two series of photographs taken by Jack Delano in Puerto Rico. The first series is from 1941-42 when Delano went to the island with the Farm Security Administration, and the second dates from the 1980s when he returned to rephotograph the same places.
Published 1990, 242 pages, text in English and Spanish, illustrated.
Grades 9-12.
$24.95, paperback.
Smithsonian Institution Press.

371 **Smithsonian Folklife Cookbook.** *Cookbook.* Collection of more than 275 recipes with accompanying photographs, anecdotes, and essays to illustrate America's rich regional and cultural diversity. Recipes and stories are drawn from family traditions and local lore of the many people who have participated in the Smithsonian's annual Festival of American Folklife.
Published 1991.
Grades K-12.
$15.00.
Smithsonian Institution Press.

372 **Specializing in the Impossible: Women and Social Reform in America, 1890-1990.** *Report.* Transcript of proceedings of 1991 conference at the National Museum of American History on women's roles in social reform from the Progressive Era to the present.

160 pages.

Grades 10-12.

$3.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

373 **Swamp Rat XXX.** *Poster.* Color rendition of this race car, designed and built by Don Garlits. Exemplifies the technology that new materials like plastics make possible.

Grades 6-12.

$8.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

Social Studies

374 **A Ticket to Philly — In 1769: Thinking about Cities, Then and Now.** *Teaching guide.* May 1990 issue of *Art to Zoo* looking at life in Philadelphia before the American Revolution. *Art to Zoo* is a regular publication providing background information, lesson plans, classroom activities, and resource lists for teachers in science, social studies, and art. Each issue focuses on a different topic and includes an English/Spanish "pull-out" page that can be duplicated for student use.

Published quarterly, 8 pages, includes bibliography.

Grades 3-8.

No charge (write to OESE for free subcription).

Office of Elementary and Secondary Education.

375 **A Tribute to Woody Guthrie and Leadbelly.** *Teaching kit.* Curriculum enrichment materials including teacher's guide and student text that examine the social realities faced by Woody and Leadbelly — and the music they used to bring about change. Includes photographs and biographies of the musicians, 15 reproducible master sheets, style charts, and quizzes. Also contains easy-to-follow activities and projects plus music and words to 19 songs by Woody and Leadbelly. Teacher's guide provides extensive lists of additional resources and suggestions for listening and performance activities to accompany the songs on the Grammy Award-winning *A Vision Shared* recording (*A Vision Shared* and *The Original Vision* audiocassette, CD, or videocassette also available from MENC). Published in cooperation with the Center for Folklife Programs and Cultural Studies.

Published 1991, 64-page teacher's guide (#3065), 48-page student text (#3064).

Grades 5-12.

$13.00 for teacher's guide; $7.50 for student text (discount for MENC members).

Music Educators National Conference.

376 **Vietnam Veterans Memorial.** *Poster.* Portrayal of the Vietnam Veterans Memorial.

Approximately 16" x 24" poster, illustrated in black and white.

Grades K-12.

$2.50.

Office of Printing and Photographic Services.

377 **VSJ—Varrio San Jose: Scenes from an Urban Chicano Experience.** *Exhibition brochure.* Description of one of the oldest and largest Spanish-speaking communities in Albuquerque, New Mexico. Contains many images by New Mexico photographer Miguel Gandert.

11 pages.

Grades 6-12.

$1.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

American Political History

378 **The Battle of Yorktown.** *Film or videocassette plus discussion guide.* Reenactment of this final battle of the Revolutionary War narrated by Richard Kiley. Production recognizes America's debt to France for its contribution. Includes discussion guide.

Produced 1983 by Office of Telecommunications, 28-minute color 16mm film, or 1/2-inch Beta- or VHS-format video, or 3/4-inch formats, discussion guide.

Grades 7-12.

$535.00 for film, $315.00 for video (specify format).

Phoenix/BFA Films and Video, Inc.

379 **Citizen Stories: Democracy and Responsibility in American Life.** *Videocassette plus teacher's guide.* Exploration of the link between rights and responsibilities, and the importance of exercising both in a democracy. Focuses on the stories of five individuals who have initiated projects (ranging from environmental action in West Virginia to legal assistance for immigrants in California to business self-help programs for young people in Washington, D.C.) that have improved the quality of life in their communities and in the nation. Explains why voluntarism and citizen action make up one of the bedrock principles of American democracy. Guide provides lesson plans and class activities.

Co-produced 1991 by Office of Interdisciplinary Studies and Close Up Foundation, 30-minute 1/2-inch VHS-format video, 23-page teacher's guide.

Grades 7-12.

$60.00.

Close Up Publishing, Close Up Foundation.

380 **Constitutional Roots, Rights, and Responsibilities.** *Report.* Summary of papers and proceedings of May 1987 international symposium on 200 years of the U.S. Constitution and on constitution building in other nations. Participants include more than 90 constitutional law scholars, historians, political scientists, jurists, and public figures from 12 nations, including former U.S. Supreme Court Chief Justice Warren E. Burger and Justice William J. Brennan, Jr.; Lord Hailsham, Lord High Chancellor of Great Britain; Robert Badinter, president of the Constitutional Council of France; professors Laurence Tribe, A. E. Dick Howard, Derrick Bell, Walter Dellinger, Merrill Peterson, Robert Palmer, Michael Kammen, and others.

Published 1988, 152 pages.

Grades 10-12.

No charge.

Neil G. Kotler, Office of Assistant Secretary for External Affairs.

381 **Constitutional Roots, Rights, and Responsibilities: A Commemoration of the Bicentennial of the United States Constitution.** *Audiocassettes.* Highlights of the proceedings of the May 1987 international symposium on 200 years of the U.S. Constitution and on constitution building in other nations. Narrated by A. E. Dick Howard of the University of Virginia Law School.

4 45-minute audiocassettes.

Grades 10-12.

$24.95.

Radio America.

382 **Democracy and Rights: One Citizen's Challenge.** *Videocassette plus teacher's guide.* Presentation of real-life issues of citizen rights under the Constitution. Questions addressed include: What are rights? Where do they come from? How are they exercised? Issues are dramatized in the history-making events of school integration in Little Rock, Arkansas, in 1957. Rare historical film footage integrates action and narration by Supreme Court Justice Sandra Day O'Connor. Includes analysis by Justice William J. Brennan, Jr., and law professor A. E. Dick Howard. Guide provides lesson plans and class activities.

Co-produced 1989 by Office of Interdisciplinary Studies and Close Up Foundation, 30-minute 1/2-inch VHS-format or 3/4-inch VHS-format video, 16-page teacher's guide.

Grades 7-12.

$60.00.

Close Up Publishing, Close Up Foundation.

383 **First Ladies.** *Poster.* Colorful tribute issued on the opening of the new First Ladies exhibition at the National Museum of American History. Display presents a historic analysis that explores the evolving expectations and political, diplomatic, and leadership roles for America's first ladies. Image of an inaugural gown and political campaign buttons and memorabilia.

Grades 6-12.

$6.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

384 **First Ladies.** *Videocassette.* Revealing look at the women behind the men who have led our country, and their sometimes provocative politics. Includes famous gowns worn by first ladies.

61-minute 1/2-inch VHS-format video.

Grades 5-10.

$29.95 (Video No. VFL91).

Video Division, Smithsonian Institution Press.

385 **Hail to the Candidate: Presidential Campaigns from Banners to Broadcasts.** *Book.* Collection of political memorabilia at the Smithsonian tracing the history of presidential campaigns from George Washington to George Bush by Keith Melder.
Published 1992, 224 pages, illustrated.
Grades 9-12.
$19.95, paperback.
Smithsonian Institution Press.

386 **A Living Legacy: The Woodrow Wilson House Museum.** *Videocassette.* Examination of the problems and needs of historic house museums. Addresses storage, accessioning, environmental control, interpretation, administrative needs, preventive care of the house itself, and concerns basic to all museums.
16-minute 1/2 inch VHS-format video.
Grades 10-12.
$19.95 including postage and handling; request full information.
Office of Museum Programs.

Social Studies

387 **A More Perfect Union.** *Poster.* Partial color photograph of Japanese-American children reciting the Pledge of Allegiance, atop a drawing of a pyramid-shaped block with the design of the American flag. Commemorates issues surrounding the loyalty and internment of Japanese Americans during World War II.
Grades 6-12.
$8.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

388 **The Presidents.** *Book.* Review of the portraits on exhibit at the National Portrait Gallery and campaign memorabilia from the National Museum of American History by Smithsonian curator Frederick S. Voss.
96 pages, illustrated.
Grades 4-12.
$12.99, cloth cover.
Smithsonian Institution Press.

389 **Protest and Patriotism: A History of Dissent and Reform.** *Teaching guide.* Curriculum enrichment materials examining American protest movements by studying three such movements — populism, civil rights, and environmentalism. Guide provides background essays, discussion questions, teaching suggestions, and timeline.
Published 1992, 40 pages, illustrated, includes select bibliographies and 4-page fold-out timeline of protest from 1831 to 1989.
Grades 7-12.
No charge.
Office of Elementary and Secondary Education.

390 **The Treaty of Paris.** *Teaching packet.* Materials for teaching one of the most important diplomatic events in American history. Authentic reproductions of historical documents, background information, and a teacher's guide featuring teaching strategies, resource materials, student activities, a reproducible crossword puzzle, and notes on documents. Includes a color poster and facsimile of a rare 1784 map of North America.
Prepared 1992 by Office of Telecommunications, 44-page teacher's guide, color poster, 1784 map of North America.
Grades 7-12.
$12.95.
Jackdaw Publications.

391 **The United States Constitution: Roots, Rights, and Responsibilities.** *Book.* Essays by a distinguished international assembly of scholars and jurists approaching the nation's founding document from three broad perspectives: the Constitution's Old and New World origins, the rights it protects, and the behavior of citizens whose lives it rules. Based on the May 1987 symposium on the Constitution and edited by A. E. Dick Howard of the University of Virginia Law School.
Published 1992, 464 pages.
Grades 10-12.
$30.00, cloth cover.
Smithsonian Institution Press.

392 **The Work of Peace.** *Film or videocassette plus discussion guide.* Demonstration of how American diplomats Benjamin Franklin, John Adams, and John Jay won a remarkable victory in their peace negotiations with England, resulting in the Treaty of Paris of 1783. Filmed in England and France. Includes discussion guide.

Produced 1984 by Office of Telecommunications, 28-minute color 16mm film, or 1/2-inch Beta- or VHS-format video, or 3/4-inch formats, discussion guide.

Grades 9-12.

$585.00 for film, $340.00 for video (specify format).

Phoenix/BFA Films and Video, Inc.

Native American Studies

393 **American Indian Food Plants.** *Poster.* One in Plant Pioneers series produced with National Zoological Park, poster features color painting and botanical drawings of four plants.

Grades K-12.

$6.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

394 **American Indian Medicinal Plants.** *Poster.* One in Plant Pioneers series produced with National Zoological Park, poster features color painting and botanical drawings of four plants.

Grades K-12.

$6.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

395 **Artifact Guides to the Exhibits.** *Guide.* Set of two guides providing historical information and illustrations about artifacts from throughout the Western Hemisphere. The guides, *Native American Cultures* and *Great North American Indians*, are available separately.

Illustrated.

Grades K-12.

$2.50 for both guides, $2.00 for either guide alone (please specify), $3.00 for both guides plus Great Plains Activities Set (see number 400 below) for postage and handling.

Publications Department, National Museum of the American Indian.

396 **A Child's World.** *Exhibition catalogue.* Catalogue of an exhibit of Native American children's clothing, toys, and games for ages 8-12.

16 pages.

Grades 3-6.

$3.95, including postage and handling.

Publications Department, National Museum of the American Indian.

397 **Cultures of Siberia and Alaska.** *Bibliography.* References in English and Russian on Siberian and Alaskan natives.

Prepared 1988, 11 pages.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

398 **Genealogical Research.** *Leaflet.* Guideline for researching Native American ancestry.

2 pages, includes bibliography.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

399 **Glimpses of Algonkian Culture.** *Folder.* Pictures and background text describing the Algonkian (also spelled Algonquian) -speaking peoples of southern New York State.

4 pages, illustrated.

Grades K-12.

$1.00, including postage and handling.

Publications Department, National Museum of the American Indian.

400 **Great Plains Activities Set.** *Teaching guide.* Three activities for children ages 7-10 focusing on creating a parfleche, model tipi, and winter count hide design. Includes historical background.

Grades 1-6.

$2.00 for postage and handling.

Publications Department, National Museum of the American Indian.

401 **Indians of Virginia, the District of Columbia, and Maryland.** *Bibliography.*

Prepared 1989, 11 pages.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

Social Studies

402 **Linguistic Interpretation of North American Indian Words.** *Leaflet.* Explanation of the difficulties encountered in translating Native American words and place names.

Prepared 1987, 3 pages, includes bibliography.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

403 **Museum Publications List.** *List.* Details of publications available from the National Museum of the American Indian, including exhibit catalogues and scholarly studies.

3 pages.

Grades K-12.

No charge.

Publications Department, National Museum of the American Indian.

404 **Native American Games, Dances, and Crafts.** *Bibliography.*

Prepared 1988, 4 pages.

Grades K-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

405 **Native American Postcards.** *Postcards.* Set of postcards depicting North American Indian people in traditional clothing. Most are in color with some in sepia tones. Photographs taken mainly about 1900, but some date from the 1950s.

12 assorted postcards, illustrated.

Grades K-12.

$2.00, including postage and handling.

Publications Department, National Museum of the American Indian.

406 **Native Americans.** *Bibliography.* Bibliography for use by teachers and students.

16 pages.

Grades 1-12.

No charge.

Anthropology Outreach and Public Information Office, National Museum of Natural History.

407 **Native Americans on Film & Video, Volume Two.** *Book.* Description of approximately 200 recent films and videotapes about Native peoples of the Americas. Volume One (1981) is out of print.

Published 1988, 112 pages in soft cover.

Grades K-12.

$7.50, including postage and handling.

Publications Department, National Museum of the American Indian.

408 **The Native People of the Northeast Woodlands.** *Curriculum guide.* Loose-leaf binder of materials focusing on the Delaware (also known as the Lenape) and Six Nations Iroquois for elementary school teachers. Provides 45 classroom activities, photos, maps, charts, and lists of resource materials.

254 pages.

Grades K-6.

$33.50, including postage and handling.

Publications Department, National Museum of the American Indian.

409 **North American Indian Healing and Medicine.** *Bibliography.*
Prepared 1988, 3 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

410 **North American Indian Mythology.** *Bibliography.*
Prepared 1988, 3 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

411 **North American Indian Ritual and Religion.** *Bibliography.*
Prepared 1988, 5 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

412 **North American Indian Women.** *Bibliography.*
Prepared 1988, 2 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

413 **North American Indians.** *Teaching packet.* Resource kit for teachers including bibliographies, leaflets, lists of teaching materials available from the Smithsonian, photographs, suggestions for classroom activities, and information on Native American pen-pals.
Seventeen items include bibliographies, photographs, and leaflets.
Grades 1-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

414 **North American Symbolism and Design.** *Bibliography.* Bibliography on Native American symbolism and design.
Prepared 1988, 3 pages.
Grades K-12.
No charge.
Anthropology Outreach and Public Information Office, National Museum of Natural History.

415 **Sitting Bull.** *Poster.* Depiction of the well-known Native American, Sitting Bull.
Approximately 21 1/4" x 28 1/2" poster in sepia tone.
Grades K-12.
$3.00.
Office of Printing and Photographic Services.

WORLD HISTORY AND CULTURE

416 **Columbus and His Era/Colon y Su Tiempo.** *Catalogue.* Silvio Bedini's bilingual inventory on the European encounter with the Americas. Includes documents, books, maps, weapons, tapestries, paintings, and other tangible objects that add a material dimension to the essence of the Columbian undertaking.
Published 1976, 79 pages, illustrated.
Grades 6-12.
$2.50 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

417 **Good as Gold: Foods the Americas Gave the World.** *Report.* Transcript of October 1991 symposium held at the National Museum of American History.
240 pages.
Grades 10-12.
$5.00 plus postage (call for amount/send check, money order, or purchase order).
Publications Division, National Museum of American History.

418 **Good as Gold: Foods the Americas Gave the World.** *Poster.* Spanish treasure chest adorned with fruits and vegetables, with list of foods at bottom. Comes with leaflet describing foods, methods of preparation, and related activities.

Grades K-12.

$6.00 plus postage (call for amount/send check, money order, or purchase order).

Publications Division, National Museum of American History.

419 **Les Droits de l'Homme and Scientific Progress.** *Report.* Summary of papers and proceedings of the October 1989 international symposium in observance of the 200th anniversary of the French Revolution, the French Declaration of the Rights of Man and Citizen, and the U.S. Bill of Rights. Includes summaries of papers and discussion by more than 40 scientists, historians, and public figures, such as Peter Gay, Stanley Hoffmann, David Landes, Maxine Singer, Daniel Kevles, Jean Bernard, Claude Frejacques, Jacques Roger, Gene Roddenberry, Jean Aubouin, and Walter Robenblith.

Published 1989.

Grades 10-12.

No charge.

Neil G. Kotler, Office of Assistant Secretary for External Affairs.

Social Studies

420 **Let's Celebrate!** *Slides and booklet.* Set of slides and teacher's handbook explaining how people all over the world celebrate holidays and festivals.

32 slides, 40-page booklet.

Grades 7-12.

Available on loan, with borrower paying return postage.

Department of Public Programs, Renwick Gallery.

421 **The Power of Maps.** *Teaching guide.* Suggestions on integrating the study of maps into school curricula based on the exhibition *The Power of Maps* at Cooper-Hewitt, National Museum of Design, in New York City (October 6, 1992 - March 7, 1993). Includes suggestions for classroom activities, discussion questions, and resource list.

Prepared 1992, 6 pages.

Grades 4-12.

No charge.

Cooper-Hewitt, National Museum of Design.

422 **Seeds of Change: A Quincentennial Commemoration.** *Book.* Examination of the results on both sides of the Atlantic caused by the first contacts between Europeans and the Americas, edited by Herman J. Viola and Carolyn Margolis. Includes such topics as new foods, diseases, and slavery.

Published 1991, 280 pages, illustrated.

Grades 9-12.

$39.95 in cloth cover, $24.95 in paperback.

Smithsonian Institution Press.

423 **The Smithsonian Book of Books.** *Book.* Michael Olmert's examination of the evolution of the book from clay tablets and papyrus rolls to electronic books on tape and CD-ROM. Contains a wealth of book lore and shows societal changes brought about by the book.

Published 1991, 320 pages, illustrated.

Grades 6-12.

$37.96; credit card orders by phone.

Smithsonian Books and Recordings.

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